

**Table S4: Differential expressions of genes in MF19-vs-MF20**

| gene_id   | FPKM.M  | FPKM.M  | FPKM.M  | FPKM.M | FPKM.M | FPKM.M | fc    | log2(fc) |
|-----------|---------|---------|---------|--------|--------|--------|-------|----------|
| Solyc08g0 | 43.79   | 42.20   | 41.58   | 2.75   | 2.11   | 1.80   | 19.15 | 4.26     |
| Solyc07g0 | 760.07  | 755.32  | 772.17  | 270.77 | 278.18 | 263.45 | 2.82  | 1.49     |
| Solyc11g0 | 5.15    | 5.66    | 6.10    | 709.12 | 606.37 | 706.11 | 0.01  | -6.90    |
| Solyc10g0 | 5627.82 | 5650.01 | 5542.07 | 627.02 | 588.45 | 558.03 | 9.48  | 3.25     |
| Solyc01g1 | 35.46   | 35.86   | 36.43   | 7.46   | 7.75   | 7.12   | 4.83  | 2.27     |
| Solyc09g0 | 67.60   | 65.29   | 69.48   | 11.46  | 11.24  | 11.06  | 6.00  | 2.58     |
| Solyc05g0 | 0.79    | 0.89    | 1.00    | 62.09  | 58.62  | 61.24  | 0.01  | -6.09    |
| Solyc10g0 | 472.36  | 508.30  | 489.17  | 116.97 | 119.66 | 111.06 | 4.23  | 2.08     |
| Solyc05g0 | 56.13   | 55.76   | 57.84   | 2.46   | 2.70   | 3.37   | 19.89 | 4.31     |
| Solyc04g0 | 6.27    | 7.66    | 6.71    | 120.28 | 155.47 | 138.82 | 0.05  | -4.33    |
| Solyc09g0 | 5.39    | 5.32    | 5.31    | 97.12  | 111.82 | 109.71 | 0.05  | -4.31    |
| Solyc04g0 | 0.85    | 0.86    | 0.87    | 9.34   | 10.59  | 10.00  | 0.09  | -3.54    |
| Solyc03g0 | 108.50  | 113.95  | 111.88  | 16.30  | 13.49  | 13.93  | 7.65  | 2.93     |
| Solyc12g0 | 126.52  | 123.46  | 122.31  | 37.69  | 38.67  | 39.10  | 3.22  | 1.69     |
| Solyc04g0 | 8.63    | 9.29    | 9.29    | 139.39 | 150.66 | 149.83 | 0.06  | -4.01    |
| Solyc01g0 | 52.37   | 56.85   | 58.13   | 532.14 | 657.60 | 615.60 | 0.09  | -3.43    |
| Solyc08g0 | 249.00  | 248.36  | 246.56  | 94.68  | 94.41  | 91.46  | 2.65  | 1.41     |
| Solyc07g0 | 57.02   | 53.64   | 53.89   | 6.58   | 5.91   | 5.42   | 9.18  | 3.20     |
| Solyc04g0 | 6.48    | 7.29    | 6.68    | 37.04  | 40.13  | 38.66  | 0.18  | -2.50    |
| Solyc11g0 | 27.84   | 27.54   | 25.41   | 1.54   | 1.11   | 1.12   | 21.45 | 4.42     |
| Solyc04g0 | 30.84   | 29.53   | 30.55   | 5.01   | 5.25   | 4.63   | 6.11  | 2.61     |
| Solyc06g0 | 13.08   | 12.24   | 12.59   | 1.72   | 1.72   | 1.48   | 7.71  | 2.95     |
| Solyc03g0 | 48.75   | 49.76   | 51.45   | 12.72  | 12.46  | 11.87  | 4.05  | 2.02     |
| Solyc09g0 | 1.49    | 1.50    | 1.63    | 8.33   | 9.06   | 8.47   | 0.18  | -2.49    |
| Solyc10g0 | 26.56   | 26.70   | 27.81   | 6.15   | 6.54   | 6.36   | 4.26  | 2.09     |
| Solyc04g0 | 78.46   | 77.82   | 80.74   | 13.01  | 10.36  | 11.64  | 6.77  | 2.76     |
| Solyc09g0 | 203.99  | 195.86  | 200.65  | 33.20  | 26.58  | 26.15  | 6.99  | 2.80     |
| Solyc01g0 | 0.49    | 0.92    | 1.34    | 88.14  | 78.91  | 82.39  | 0.01  | -6.50    |
| Solyc08g0 | 2.65    | 3.03    | 2.85    | 20.60  | 20.72  | 20.87  | 0.14  | -2.87    |
| Solyc07g0 | 41.23   | 40.69   | 39.15   | 6.44   | 6.34   | 5.21   | 6.73  | 2.75     |
| Solyc03g0 | 156.85  | 158.17  | 157.58  | 62.10  | 64.49  | 60.50  | 2.53  | 1.34     |
| Solyc01g1 | 25.93   | 24.06   | 24.46   | 5.42   | 5.02   | 5.25   | 4.75  | 2.25     |
| Solyc07g0 | 271.82  | 279.31  | 288.62  | 793.96 | 794.82 | 805.04 | 0.35  | -1.51    |
| Solyc12g0 | 200.39  | 198.87  | 199.36  | 589.51 | 636.33 | 657.41 | 0.32  | -1.65    |
| Solyc09g0 | 0.42    | 0.33    | 0.36    | 7.18   | 8.26   | 7.97   | 0.05  | -4.40    |
| Solyc01g1 | 99.93   | 97.05   | 96.87   | 19.36  | 18.98  | 15.52  | 5.46  | 2.45     |
| Solyc02g0 | 2.20    | 1.83    | 2.06    | 28.07  | 26.92  | 25.60  | 0.08  | -3.73    |
| Solyc07g0 | 97.53   | 108.54  | 102.80  | 25.04  | 26.06  | 23.55  | 4.14  | 2.05     |
| Solyc01g1 | 11.21   | 10.29   | 10.49   | 1.70   | 2.00   | 1.85   | 5.77  | 2.53     |
| Solyc06g0 | 120.32  | 115.99  | 119.21  | 47.31  | 47.97  | 45.93  | 2.52  | 1.33     |
| Solyc04g0 | 282.46  | 277.71  | 292.96  | 107.66 | 107.14 | 100.94 | 2.70  | 1.43     |
| Solyc01g0 | 587.55  | 605.88  | 581.94  | 271.13 | 265.57 | 276.43 | 2.18  | 1.13     |
| Solyc02g0 | 555.91  | 539.35  | 541.94  | 138.10 | 170.15 | 155.10 | 3.53  | 1.82     |
| Solyc01g1 | 35.79   | 35.73   | 34.76   | 3.72   | 3.20   | 2.42   | 11.39 | 3.51     |
| Solyc10g0 | 600.42  | 604.51  | 620.27  | 283.61 | 301.55 | 289.13 | 2.09  | 1.06     |
| Solyc03g0 | 23.42   | 23.55   | 22.32   | 88.58  | 101.09 | 95.41  | 0.24  | -2.04    |
| Solyc09g0 | 5.07    | 5.19    | 5.31    | 19.40  | 19.24  | 19.73  | 0.27  | -1.91    |
| Solyc01g0 | 119.59  | 121.05  | 116.28  | 42.62  | 45.78  | 47.97  | 2.62  | 1.39     |
| Solyc04g0 | 14.84   | 15.23   | 15.72   | 88.45  | 117.48 | 105.81 | 0.15  | -2.77    |

|           |        |        |        |        |         |         |       |       |
|-----------|--------|--------|--------|--------|---------|---------|-------|-------|
| Solyc06g0 | 19.02  | 20.56  | 19.81  | 2.25   | 1.78    | 2.25    | 9.47  | 3.24  |
| Solyc09g0 | 0.07   | 0.05   | 0.14   | 9.68   | 12.07   | 11.37   | 0.01  | -7.01 |
| Solyc07g0 | 56.18  | 56.87  | 57.08  | 24.41  | 25.44   | 24.43   | 2.29  | 1.20  |
| Solyc08g0 | 489.99 | 465.12 | 469.56 | 188.25 | 194.98  | 179.34  | 2.53  | 1.34  |
| Solyc11g0 | 1.80   | 1.99   | 1.74   | 17.10  | 16.89   | 18.84   | 0.10  | -3.26 |
| Solyc05g0 | 1.73   | 2.42   | 2.95   | 39.83  | 41.52   | 37.65   | 0.06  | -4.07 |
| Solyc07g0 | 89.88  | 86.23  | 85.54  | 31.99  | 29.47   | 31.98   | 2.80  | 1.49  |
| Solyc02g0 | 49.39  | 53.53  | 53.38  | 15.27  | 14.65   | 13.92   | 3.57  | 1.83  |
| Solyc09g0 | 18.83  | 18.97  | 18.22  | 2.75   | 2.33    | 2.25    | 7.65  | 2.93  |
| Solyc01g0 | 93.51  | 90.00  | 92.11  | 38.18  | 37.59   | 36.45   | 2.46  | 1.30  |
| Solyc11g0 | 111.55 | 111.82 | 108.77 | 35.99  | 35.14   | 31.16   | 3.25  | 1.70  |
| Solyc02g0 | 103.03 | 102.09 | 99.48  | 35.46  | 31.93   | 31.50   | 3.08  | 1.62  |
| Solyc05g0 | 15.54  | 15.38  | 13.91  | 3.41   | 3.47    | 3.18    | 4.45  | 2.16  |
| Solyc01g1 | 12.48  | 12.91  | 12.77  | 0.71   | 1.10    | 0.91    | 14.06 | 3.81  |
| Solyc11g0 | 25.20  | 27.11  | 26.97  | 89.93  | 102.39  | 90.62   | 0.28  | -1.84 |
| Solyc07g0 | 171.80 | 155.12 | 157.52 | 52.83  | 50.70   | 49.57   | 3.16  | 1.66  |
| Solyc10g0 | 8.86   | 8.02   | 8.33   | 0.13   | 0.14    | 0.12    | 65.27 | 6.03  |
| Solyc11g0 | 0.51   | 0.87   | 0.95   | 15.06  | 14.01   | 16.63   | 0.05  | -4.30 |
| Solyc03g0 | 24.28  | 26.46  | 24.01  | 92.25  | 116.25  | 102.83  | 0.24  | -2.06 |
| Solyc09g0 | 0.99   | 1.28   | 1.01   | 19.62  | 15.49   | 19.34   | 0.06  | -4.05 |
| Solyc09g0 | 16.09  | 14.33  | 15.61  | 91.07  | 91.14   | 81.06   | 0.17  | -2.52 |
| Solyc05g0 | 355.34 | 365.20 | 356.42 | 912.54 | 1054.40 | 1021.28 | 0.36  | -1.47 |
| Solyc06g0 | 21.08  | 19.89  | 20.13  | 6.51   | 6.18    | 6.74    | 3.14  | 1.65  |
| Solyc12g0 | 138.47 | 136.40 | 139.18 | 52.44  | 48.55   | 45.59   | 2.82  | 1.50  |
| Solyc06g0 | 9.68   | 9.39   | 8.87   | 1.25   | 1.01    | 1.31    | 7.83  | 2.97  |
| Solyc07g0 | 74.91  | 71.15  | 75.49  | 26.68  | 26.31   | 26.91   | 2.77  | 1.47  |
| Solyc05g0 | 42.04  | 44.15  | 43.32  | 15.87  | 15.81   | 14.57   | 2.80  | 1.49  |
| Solyc09g0 | 23.78  | 23.89  | 23.97  | 7.76   | 8.10    | 8.17    | 2.98  | 1.58  |
| Solyc04g0 | 25.24  | 24.66  | 23.15  | 6.20   | 5.54    | 6.25    | 4.06  | 2.02  |
| ENSRNAC   | 2.03   | 1.32   | 2.53   | 134.24 | 148.31  | 136.91  | 0.01  | -6.16 |
| Solyc09g0 | 15.25  | 13.82  | 14.85  | 44.27  | 47.54   | 45.35   | 0.32  | -1.64 |
| Solyc06g0 | 18.49  | 18.50  | 17.85  | 2.93   | 1.97    | 2.40    | 7.51  | 2.91  |
| Solyc04g0 | 15.26  | 15.72  | 14.83  | 4.46   | 4.28    | 4.23    | 3.53  | 1.82  |
| Solyc11g0 | 59.13  | 59.45  | 58.86  | 26.89  | 26.69   | 24.57   | 2.27  | 1.18  |
| Solyc09g0 | 9.22   | 8.85   | 8.47   | 0.55   | 0.65    | 0.54    | 15.27 | 3.93  |
| Solyc09g0 | 20.97  | 20.91  | 21.16  | 57.05  | 62.33   | 63.57   | 0.34  | -1.54 |
| Solyc03g1 | 78.84  | 82.31  | 78.93  | 33.16  | 32.83   | 30.44   | 2.49  | 1.32  |
| Solyc04g0 | 39.98  | 41.27  | 38.95  | 17.53  | 18.73   | 18.75   | 2.19  | 1.13  |
| Solyc11g0 | 10.61  | 11.50  | 11.20  | 1.37   | 1.09    | 1.40    | 8.62  | 3.11  |
| Solyc09g0 | 11.89  | 11.21  | 11.62  | 44.54  | 54.26   | 49.25   | 0.23  | -2.09 |
| Solyc01g1 | 221.61 | 220.48 | 215.48 | 90.52  | 76.84   | 79.01   | 2.67  | 1.42  |
| Solyc08g0 | 16.74  | 17.66  | 15.93  | 3.90   | 3.80    | 3.45    | 4.51  | 2.17  |
| Solyc09g0 | 4.07   | 3.83   | 4.15   | 15.42  | 17.16   | 16.28   | 0.25  | -2.02 |
| Solyc02g0 | 14.24  | 12.17  | 10.70  | 1.18   | 0.93    | 1.03    | 11.82 | 3.56  |
| Solyc06g0 | 152.67 | 154.13 | 153.27 | 73.16  | 67.88   | 66.41   | 2.22  | 1.15  |
| ENSRNAC   | 0.06   | 0.09   | 0.06   | 14.32  | 16.02   | 15.79   | 0.00  | -7.78 |
| Solyc11g0 | 27.76  | 27.73  | 25.71  | 73.61  | 78.19   | 72.63   | 0.36  | -1.47 |
| Solyc03g1 | 7.17   | 7.99   | 7.85   | 22.38  | 23.52   | 23.78   | 0.33  | -1.60 |
| Solyc08g0 | 19.81  | 18.83  | 18.22  | 5.23   | 4.88    | 5.24    | 3.70  | 1.89  |
| Solyc05g0 | 0.19   | 0.39   | 0.38   | 12.21  | 14.36   | 12.57   | 0.02  | -5.33 |
| Solyc12g0 | 10.77  | 9.84   | 9.60   | 1.85   | 2.28    | 1.98    | 4.94  | 2.30  |

|           |        |        |        |        |        |        |       |       |
|-----------|--------|--------|--------|--------|--------|--------|-------|-------|
| Solyc05g0 | 27.79  | 27.66  | 28.90  | 12.99  | 12.71  | 12.17  | 2.23  | 1.16  |
| Solyc12g0 | 11.66  | 11.23  | 9.47   | 0.50   | 0.42   | 0.40   | 24.67 | 4.62  |
| Solyc08g0 | 11.28  | 11.37  | 10.78  | 4.00   | 3.74   | 3.72   | 2.92  | 1.55  |
| Solyc03g1 | 5.90   | 5.60   | 5.95   | 1.67   | 1.72   | 1.70   | 3.43  | 1.78  |
| Solyc02g0 | 57.29  | 57.05  | 61.48  | 15.52  | 11.90  | 11.96  | 4.47  | 2.16  |
| Solyc12g0 | 8.66   | 7.76   | 7.91   | 31.52  | 34.10  | 30.78  | 0.25  | -1.99 |
| Solyc03g0 | 18.78  | 18.95  | 17.97  | 7.85   | 8.17   | 7.34   | 2.38  | 1.25  |
| Solyc01g0 | 28.05  | 27.04  | 25.49  | 8.26   | 7.49   | 7.17   | 3.52  | 1.81  |
| Solyc02g0 | 30.67  | 30.77  | 30.29  | 112.91 | 103.44 | 98.83  | 0.29  | -1.78 |
| Solyc01g0 | 15.00  | 12.98  | 11.50  | 1.04   | 0.97   | 0.67   | 14.73 | 3.88  |
| Solyc01g0 | 17.36  | 18.51  | 16.24  | 48.97  | 59.37  | 57.81  | 0.31  | -1.67 |
| Solyc04g0 | 52.06  | 51.63  | 49.49  | 20.51  | 19.56  | 18.36  | 2.62  | 1.39  |
| Solyc04g0 | 21.04  | 20.47  | 22.05  | 55.82  | 62.62  | 60.93  | 0.35  | -1.50 |
| Solyc08g0 | 18.71  | 21.80  | 20.48  | 3.57   | 2.61   | 3.49   | 6.31  | 2.66  |
| Solyc03g1 | 22.27  | 23.59  | 23.66  | 57.31  | 56.09  | 54.42  | 0.41  | -1.27 |
| Solyc02g0 | 1.41   | 1.61   | 1.56   | 6.88   | 7.42   | 7.11   | 0.21  | -2.23 |
| Solyc12g0 | 25.80  | 26.79  | 25.67  | 55.15  | 58.80  | 60.32  | 0.45  | -1.16 |
| Solyc12g0 | 63.12  | 55.60  | 63.70  | 19.61  | 16.52  | 17.30  | 3.41  | 1.77  |
| Solyc01g0 | 67.09  | 66.67  | 70.12  | 32.51  | 35.82  | 32.95  | 2.01  | 1.01  |
| Solyc03g0 | 10.77  | 9.87   | 9.51   | 2.14   | 1.68   | 1.86   | 5.30  | 2.41  |
| Solyc09g0 | 234.00 | 231.35 | 232.11 | 114.55 | 101.60 | 97.99  | 2.22  | 1.15  |
| Solyc06g0 | 23.91  | 19.34  | 21.78  | 2.55   | 3.61   | 2.95   | 7.14  | 2.84  |
| Solyc03g0 | 15.00  | 16.61  | 16.19  | 41.74  | 41.37  | 41.39  | 0.38  | -1.38 |
| Solyc09g0 | 28.58  | 29.98  | 29.60  | 112.11 | 92.76  | 98.91  | 0.29  | -1.78 |
| Solyc11g0 | 22.56  | 22.56  | 21.50  | 6.44   | 7.72   | 6.63   | 3.20  | 1.68  |
| Solyc02g0 | 6.48   | 6.34   | 6.61   | 1.05   | 0.70   | 0.89   | 7.35  | 2.88  |
| Solyc02g0 | 13.36  | 13.67  | 14.36  | 41.03  | 37.59  | 38.20  | 0.35  | -1.50 |
| Solyc04g0 | 1.06   | 0.95   | 1.28   | 16.33  | 23.25  | 20.55  | 0.05  | -4.19 |
| Solyc10g0 | 12.79  | 13.22  | 12.68  | 2.10   | 1.83   | 1.64   | 6.94  | 2.80  |
| Solyc08g0 | 181.18 | 176.20 | 180.04 | 71.93  | 60.32  | 58.48  | 2.82  | 1.49  |
| Solyc09g0 | 12.51  | 12.57  | 13.07  | 5.35   | 5.63   | 5.32   | 2.34  | 1.23  |
| Solyc01g0 | 143.38 | 137.83 | 131.36 | 54.20  | 47.62  | 51.85  | 2.68  | 1.42  |
| Solyc07g0 | 12.30  | 13.62  | 13.13  | 2.00   | 1.71   | 2.10   | 6.72  | 2.75  |
| Solyc01g1 | 9.07   | 8.68   | 7.86   | 1.92   | 1.67   | 1.55   | 4.98  | 2.32  |
| Solyc03g1 | 740.92 | 811.65 | 811.28 | 227.43 | 297.39 | 280.45 | 2.94  | 1.55  |
| Solyc12g1 | 10.20  | 10.36  | 10.34  | 4.10   | 3.87   | 4.23   | 2.53  | 1.34  |
| Solyc05g0 | 24.67  | 23.76  | 23.43  | 7.46   | 8.75   | 7.56   | 3.02  | 1.60  |
| Solyc02g0 | 369.35 | 341.41 | 343.71 | 39.02  | 30.24  | 25.83  | 11.09 | 3.47  |
| Solyc03g1 | 578.07 | 565.64 | 529.12 | 234.75 | 285.77 | 254.19 | 2.16  | 1.11  |
| Solyc11g0 | 15.10  | 14.37  | 12.76  | 1.59   | 1.76   | 1.09   | 9.52  | 3.25  |
| Solyc07g0 | 20.01  | 21.41  | 23.26  | 6.63   | 5.50   | 6.26   | 3.52  | 1.81  |
| Solyc04g0 | 39.36  | 37.66  | 38.90  | 16.51  | 17.56  | 18.63  | 2.20  | 1.14  |
| Solyc04g0 | 44.09  | 48.28  | 42.83  | 16.28  | 16.88  | 16.31  | 2.73  | 1.45  |
| Solyc03g1 | 18.92  | 18.30  | 18.06  | 6.60   | 7.99   | 8.10   | 2.44  | 1.28  |
| Solyc04g0 | 12.18  | 13.33  | 13.91  | 3.72   | 3.38   | 3.33   | 3.78  | 1.92  |
| Solyc02g0 | 2.02   | 2.01   | 2.06   | 0.20   | 0.14   | 0.18   | 11.83 | 3.56  |
| Solyc02g0 | 54.68  | 50.74  | 52.66  | 21.64  | 18.80  | 18.23  | 2.69  | 1.43  |
| Solyc01g1 | 11.26  | 11.79  | 12.40  | 37.27  | 41.31  | 39.05  | 0.30  | -1.73 |
| Solyc10g0 | 60.48  | 60.09  | 58.15  | 26.63  | 30.08  | 28.88  | 2.09  | 1.06  |
| Solyc06g0 | 28.70  | 28.78  | 26.66  | 12.26  | 13.26  | 13.62  | 2.15  | 1.10  |
| Solyc12g0 | 176.87 | 174.49 | 175.77 | 23.76  | 18.14  | 16.23  | 9.07  | 3.18  |

|           |        |        |        |        |        |        |       |       |
|-----------|--------|--------|--------|--------|--------|--------|-------|-------|
| Solyc03g0 | 5.25   | 5.07   | 5.48   | 0.28   | 0.26   | 0.15   | 22.76 | 4.51  |
| Solyc05g0 | 2.15   | 2.63   | 2.38   | 21.40  | 19.49  | 16.49  | 0.12  | -3.00 |
| Solyc09g0 | 21.91  | 22.16  | 23.20  | 7.95   | 6.98   | 8.44   | 2.88  | 1.53  |
| Solyc11g0 | 10.12  | 9.95   | 10.59  | 2.53   | 2.73   | 2.18   | 4.12  | 2.04  |
| Solyc03g1 | 31.95  | 34.99  | 33.11  | 16.08  | 15.68  | 15.83  | 2.10  | 1.07  |
| Solyc01g0 | 0.27   | 1.01   | 0.73   | 25.97  | 21.75  | 22.25  | 0.03  | -5.12 |
| Solyc02g0 | 44.35  | 47.53  | 43.93  | 22.16  | 20.39  | 22.40  | 2.09  | 1.06  |
| Solyc01g0 | 36.66  | 37.67  | 39.24  | 16.77  | 17.80  | 19.43  | 2.10  | 1.07  |
| Solyc06g0 | 5.98   | 6.18   | 5.83   | 17.91  | 22.88  | 21.15  | 0.29  | -1.78 |
| Solyc12g0 | 12.21  | 11.63  | 10.59  | 3.34   | 3.81   | 3.36   | 3.28  | 1.71  |
| Solyc09g0 | 10.37  | 10.92  | 10.65  | 2.23   | 2.68   | 3.01   | 4.03  | 2.01  |
| Solyc07g0 | 3.62   | 3.62   | 3.55   | 0.61   | 0.38   | 0.50   | 7.24  | 2.86  |
| Solyc01g1 | 67.96  | 68.95  | 66.53  | 141.50 | 160.45 | 164.31 | 0.44  | -1.20 |
| Solyc11g0 | 20.13  | 21.11  | 18.24  | 60.13  | 76.81  | 70.18  | 0.29  | -1.80 |
| Solyc06g0 | 12.08  | 10.85  | 12.10  | 1.51   | 2.19   | 1.38   | 6.89  | 2.78  |
| Solyc04g0 | 15.79  | 16.57  | 16.78  | 5.32   | 4.33   | 4.40   | 3.50  | 1.81  |
| Solyc03g1 | 24.28  | 22.76  | 25.33  | 10.73  | 10.73  | 11.48  | 2.20  | 1.14  |
| Solyc03g0 | 28.13  | 25.20  | 26.89  | 6.02   | 4.12   | 4.16   | 5.61  | 2.49  |
| Solyc05g0 | 3.20   | 3.39   | 3.43   | 9.93   | 11.59  | 11.49  | 0.30  | -1.72 |
| Solyc01g1 | 6.24   | 6.77   | 6.23   | 19.23  | 23.96  | 23.74  | 0.29  | -1.80 |
| Solyc01g0 | 129.81 | 138.02 | 127.90 | 42.93  | 32.65  | 30.82  | 3.72  | 1.90  |
| Solyc03g1 | 24.59  | 22.34  | 24.04  | 70.06  | 64.21  | 71.45  | 0.35  | -1.54 |
| Solyc08g0 | 11.74  | 11.99  | 12.23  | 4.90   | 4.66   | 4.27   | 2.60  | 1.38  |
| Solyc01g1 | 4.91   | 5.21   | 5.01   | 0.89   | 0.74   | 0.59   | 6.83  | 2.77  |
| Solyc02g0 | 3.51   | 3.96   | 3.43   | 12.20  | 11.80  | 11.78  | 0.30  | -1.71 |
| Solyc12g0 | 29.79  | 30.66  | 31.68  | 15.08  | 15.18  | 15.67  | 2.01  | 1.00  |
| Solyc01g0 | 25.27  | 23.66  | 23.40  | 10.98  | 10.50  | 10.59  | 2.26  | 1.17  |
| Solyc06g0 | 24.42  | 23.34  | 22.28  | 1.69   | 0.50   | 1.14   | 21.01 | 4.39  |
| Solyc10g0 | 71.23  | 68.04  | 66.84  | 31.76  | 29.79  | 27.38  | 2.32  | 1.21  |
| Solyc11g0 | 9.21   | 8.60   | 9.50   | 26.20  | 33.64  | 29.82  | 0.30  | -1.72 |
| Solyc04g0 | 2.17   | 2.40   | 2.89   | 12.83  | 14.66  | 14.10  | 0.18  | -2.48 |
| Solyc05g0 | 6.63   | 7.05   | 7.28   | 1.67   | 1.16   | 1.55   | 4.79  | 2.26  |
| Solyc03g1 | 39.08  | 40.94  | 40.26  | 6.51   | 3.53   | 4.03   | 8.55  | 3.10  |
| Solyc07g0 | 45.50  | 49.34  | 49.51  | 14.77  | 10.13  | 11.04  | 4.02  | 2.01  |
| Solyc01g1 | 29.26  | 30.77  | 29.61  | 62.56  | 69.33  | 71.39  | 0.44  | -1.18 |
| Solyc11g0 | 8.63   | 8.60   | 8.62   | 3.83   | 3.62   | 3.88   | 2.28  | 1.19  |
| Solyc10g0 | 28.02  | 28.17  | 28.83  | 11.58  | 13.08  | 11.48  | 2.35  | 1.23  |
| Solyc09g0 | 9.96   | 9.22   | 9.71   | 27.25  | 27.42  | 24.42  | 0.37  | -1.45 |
| Solyc04g0 | 61.83  | 61.05  | 58.28  | 138.26 | 161.11 | 140.40 | 0.41  | -1.28 |
| Solyc04g0 | 435.77 | 439.53 | 437.16 | 211.36 | 182.57 | 164.98 | 2.35  | 1.23  |
| Solyc10g0 | 8.67   | 8.64   | 9.07   | 2.76   | 3.11   | 2.57   | 3.13  | 1.64  |
| Solyc12g0 | 14.01  | 12.15  | 12.36  | 38.41  | 45.46  | 45.84  | 0.30  | -1.75 |
| Solyc02g0 | 29.46  | 32.73  | 31.66  | 14.56  | 14.75  | 13.99  | 2.17  | 1.12  |
| Solyc06g0 | 0      | 0.15   | 0.13   | 18.56  | 24.63  | 24.49  | 0.00  | -7.89 |
| Solyc08g0 | 262.64 | 265.14 | 251.87 | 99.47  | 130.20 | 106.46 | 2.32  | 1.21  |
| Solyc01g0 | 17.66  | 17.77  | 17.51  | 7.78   | 9.35   | 8.38   | 2.08  | 1.05  |
| Solyc02g0 | 26.85  | 25.90  | 26.80  | 5.89   | 7.08   | 4.63   | 4.52  | 2.18  |
| Solyc02g0 | 8.29   | 8.71   | 8.26   | 2.40   | 2.30   | 2.27   | 3.63  | 1.86  |
| Solyc06g0 | 9.84   | 10.87  | 9.87   | 29.02  | 33.60  | 33.95  | 0.32  | -1.66 |
| Solyc11g0 | 6.69   | 5.47   | 5.85   | 0.65   | 0.65   | 0.41   | 10.55 | 3.40  |
| Solyc04g0 | 24.38  | 23.50  | 23.06  | 6.96   | 4.56   | 4.72   | 4.37  | 2.13  |

|           |         |         |         |         |        |        |       |       |
|-----------|---------|---------|---------|---------|--------|--------|-------|-------|
| Solyc03g0 | 0.37    | 0.38    | 0.30    | 2.26    | 2.68   | 2.56   | 0.14  | -2.84 |
| Solyc05g0 | 7.54    | 7.59    | 7.26    | 1.12    | 1.30   | 1.39   | 5.88  | 2.56  |
| Solyc06g0 | 22.50   | 22.28   | 20.88   | 10.27   | 11.37  | 10.45  | 2.05  | 1.03  |
| Solyc07g0 | 16.24   | 16.75   | 16.18   | 7.83    | 7.35   | 7.12   | 2.20  | 1.14  |
| Solyc09g0 | 0.66    | 0.57    | 0.56    | 3.02    | 3.34   | 3.47   | 0.18  | -2.45 |
| Solyc07g0 | 23.96   | 23.40   | 22.53   | 8.85    | 7.25   | 7.16   | 3.00  | 1.59  |
| Solyc08g0 | 18.86   | 19.76   | 21.01   | 8.05    | 6.96   | 7.61   | 2.64  | 1.40  |
| Solyc05g0 | 13.51   | 14.99   | 14.47   | 5.63    | 4.99   | 5.60   | 2.65  | 1.41  |
| Solyc02g0 | 18.55   | 19.05   | 17.77   | 46.37   | 60.85  | 57.27  | 0.34  | -1.57 |
| Solyc07g0 | 7.19    | 7.04    | 6.97    | 22.55   | 31.29  | 24.87  | 0.27  | -1.89 |
| Solyc09g0 | 22.71   | 23.96   | 22.96   | 45.82   | 52.55  | 49.67  | 0.47  | -1.09 |
| Solyc04g0 | 8.64    | 8.50    | 9.94    | 1.43    | 0.82   | 0.91   | 8.55  | 3.10  |
| Solyc01g0 | 5.56    | 5.71    | 6.11    | 1.92    | 1.98   | 1.74   | 3.08  | 1.62  |
| Solyc05g0 | 19.97   | 19.59   | 20.18   | 40.58   | 46.51  | 42.83  | 0.46  | -1.12 |
| Solyc01g0 | 0.19    | 0.34    | 0.65    | 29.22   | 31.01  | 34.11  | 0.01  | -6.32 |
| Solyc09g0 | 46.91   | 44.22   | 45.08   | 21.01   | 18.48  | 17.99  | 2.37  | 1.24  |
| Solyc01g1 | 24.49   | 26.14   | 24.83   | 54.89   | 64.18  | 66.42  | 0.41  | -1.30 |
| Solyc10g0 | 6.19    | 5.58    | 5.44    | 20.46   | 20.42  | 20.75  | 0.28  | -1.84 |
| Solyc09g0 | 18.76   | 19.53   | 20.56   | 5.73    | 7.08   | 6.74   | 3.01  | 1.59  |
| Solyc11g0 | 7.23    | 7.13    | 7.08    | 16.52   | 16.80  | 18.65  | 0.41  | -1.28 |
| Solyc06g0 | 11.14   | 10.85   | 10.82   | 24.31   | 25.56  | 26.80  | 0.43  | -1.22 |
| Solyc01g1 | 10.65   | 8.88    | 9.77    | 2.80    | 3.23   | 2.99   | 3.25  | 1.70  |
| Solyc10g0 | 10.21   | 9.83    | 10.78   | 4.52    | 3.89   | 4.03   | 2.48  | 1.31  |
| Solyc01g0 | 7.39    | 7.48    | 8.13    | 21.84   | 25.36  | 23.06  | 0.33  | -1.61 |
| Solyc04g0 | 21.62   | 19.19   | 18.17   | 5.04    | 6.43   | 5.99   | 3.38  | 1.76  |
| Solyc03g0 | 45.89   | 45.63   | 44.23   | 22.95   | 20.73  | 20.82  | 2.10  | 1.07  |
| Solyc04g0 | 12.44   | 13.61   | 13.34   | 32.71   | 31.70  | 33.52  | 0.40  | -1.31 |
| Solyc08g0 | 120.38  | 109.39  | 123.94  | 255.44  | 264.64 | 247.46 | 0.46  | -1.12 |
| Solyc01g0 | 2.52    | 2.91    | 2.77    | 12.11   | 14.05  | 10.97  | 0.22  | -2.18 |
| Solyc03g0 | 7.75    | 8.75    | 8.11    | 3.81    | 3.57   | 3.47   | 2.27  | 1.18  |
| Solyc02g0 | 14.71   | 14.20   | 14.63   | 6.61    | 6.53   | 6.02   | 2.27  | 1.18  |
| Solyc01g0 | 14.24   | 13.78   | 13.31   | 5.00    | 5.79   | 5.33   | 2.56  | 1.36  |
| Solyc03g1 | 2489.85 | 2320.45 | 2468.66 | 1190.80 | 947.94 | 916.88 | 2.38  | 1.25  |
| Solyc02g0 | 20.43   | 19.75   | 18.97   | 7.52    | 8.71   | 8.34   | 2.41  | 1.27  |
| Solyc02g0 | 235.45  | 250.31  | 242.65  | 445.55  | 511.44 | 505.34 | 0.50  | -1.01 |
| Solyc08g0 | 8.58    | 9.06    | 7.89    | 2.15    | 2.82   | 2.37   | 3.48  | 1.80  |
| Solyc11g0 | 2.37    | 3.15    | 2.24    | 0.11    | 0.15   | 0.13   | 20.23 | 4.34  |
| Solyc02g0 | 20.37   | 19.53   | 21.69   | 7.48    | 8.18   | 7.67   | 2.64  | 1.40  |
| Solyc09g0 | 2.12    | 2.35    | 2.33    | 6.73    | 6.75   | 6.37   | 0.34  | -1.54 |
| Solyc07g0 | 0.18    | 0.27    | 0.19    | 15.41   | 9.30   | 10.54  | 0.02  | -5.77 |
| Solyc03g0 | 16.84   | 14.64   | 14.33   | 4.38    | 3.48   | 3.53   | 4.02  | 2.01  |
| Solyc09g0 | 2.93    | 3.13    | 2.87    | 8.93    | 11.07  | 10.64  | 0.29  | -1.78 |
| Solyc07g0 | 11.46   | 12.29   | 12.75   | 5.92    | 5.57   | 6.39   | 2.04  | 1.03  |
| Solyc05g0 | 14.33   | 15.17   | 14.37   | 31.16   | 29.67  | 29.73  | 0.48  | -1.05 |
| Solyc04g0 | 2.67    | 2.63    | 2.52    | 0.69    | 0.69   | 0.58   | 3.99  | 2.00  |
| Solyc04g0 | 23.55   | 25.50   | 23.00   | 9.10    | 10.82  | 9.76   | 2.43  | 1.28  |
| Solyc02g0 | 10.71   | 10.15   | 9.45    | 23.33   | 22.78  | 25.89  | 0.42  | -1.25 |
| Solyc03g0 | 1.55    | 1.84    | 1.77    | 5.83    | 6.11   | 6.74   | 0.28  | -1.86 |
| Solyc04g0 | 12.35   | 10.77   | 12.15   | 3.94    | 3.94   | 4.33   | 2.89  | 1.53  |
| Solyc12g0 | 6.47    | 7.03    | 7.34    | 1.54    | 1.80   | 1.30   | 4.50  | 2.17  |
| Solyc01g1 | 11.29   | 11.81   | 10.85   | 4.12    | 4.56   | 5.08   | 2.47  | 1.30  |

|           |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
| Solyc01g1 | 75.09 | 69.90 | 73.31 | 34.34 | 30.74 | 27.44 | 2.36  | 1.24  |
| Solyc06g0 | 0.71  | 0.80  | 0.78  | 4.49  | 5.12  | 5.05  | 0.16  | -2.68 |
| Solyc01g1 | 7.97  | 9.10  | 8.33  | 1.77  | 2.64  | 2.34  | 3.76  | 1.91  |
| Solyc10g0 | 0.89  | 1.19  | 1.05  | 10.55 | 14.73 | 10.80 | 0.09  | -3.53 |
| Solyc01g0 | 30.28 | 31.83 | 32.55 | 62.65 | 64.19 | 63.07 | 0.50  | -1.00 |
| Solyc09g0 | 2.97  | 3.17  | 3.32  | 0.25  | 0.10  | 0.09  | 21.60 | 4.43  |
| Solyc02g0 | 0.53  | 0.58  | 0.47  | 3.95  | 5.08  | 4.21  | 0.12  | -3.07 |
| Solyc03g0 | 13.86 | 12.90 | 14.63 | 5.91  | 5.66  | 6.21  | 2.33  | 1.22  |
| Solyc02g0 | 11.49 | 12.17 | 12.37 | 23.82 | 26.41 | 26.91 | 0.47  | -1.10 |
| Solyc07g0 | 15.05 | 15.15 | 16.71 | 40.46 | 53.18 | 51.96 | 0.32  | -1.63 |
| Solyc03g0 | 32.10 | 34.78 | 36.62 | 77.14 | 89.47 | 82.48 | 0.42  | -1.27 |
| Solyc03g1 | 19.39 | 19.93 | 22.09 | 9.01  | 8.79  | 9.85  | 2.22  | 1.15  |
| Solyc08g0 | 0.84  | 0.57  | 0.72  | 5.29  | 5.18  | 5.86  | 0.13  | -2.93 |
| Solyc07g0 | 18.36 | 17.89 | 17.15 | 8.15  | 7.67  | 8.79  | 2.17  | 1.12  |
| Solyc08g0 | 8.24  | 6.49  | 6.68  | 0.58  | 0.38  | 0.33  | 16.60 | 4.05  |
| Solyc12g0 | 10.32 | 10.64 | 10.51 | 3.79  | 4.18  | 3.92  | 2.65  | 1.40  |
| Solyc11g0 | 10.62 | 9.49  | 10.54 | 2.82  | 2.59  | 2.47  | 3.90  | 1.96  |
| Solyc05g0 | 24.71 | 22.14 | 22.94 | 10.39 | 10.23 | 9.46  | 2.32  | 1.21  |
| Solyc01g0 | 3.56  | 4.40  | 3.77  | 0.41  | 0.16  | 0.19  | 15.46 | 3.95  |
| Solyc06g0 | 15.33 | 16.93 | 16.18 | 6.86  | 7.90  | 7.80  | 2.15  | 1.10  |
| Solyc11g0 | 0.32  | 0.29  | 0.31  | 1.53  | 1.40  | 1.34  | 0.22  | -2.21 |
| Solyc11g0 | 3.70  | 3.96  | 4.33  | 0.92  | 0.78  | 0.90  | 4.62  | 2.21  |
| Solyc04g0 | 9.25  | 9.96  | 10.49 | 3.94  | 3.54  | 3.00  | 2.83  | 1.50  |
| Solyc05g0 | 13.14 | 15.77 | 12.95 | 2.61  | 3.20  | 3.72  | 4.39  | 2.14  |
| Solyc06g0 | 16.04 | 14.72 | 15.12 | 1.72  | 0.78  | 1.14  | 12.59 | 3.65  |
| Solyc06g0 | 9.66  | 10.05 | 10.21 | 22.67 | 26.35 | 25.60 | 0.40  | -1.32 |
| Solyc05g0 | 15.04 | 15.85 | 12.94 | 3.46  | 2.53  | 3.20  | 4.77  | 2.25  |
| Solyc07g0 | 6.32  | 5.79  | 6.75  | 1.78  | 1.54  | 1.48  | 3.93  | 1.98  |
| Solyc12g0 | 8.69  | 8.57  | 7.97  | 2.51  | 2.74  | 2.39  | 3.30  | 1.72  |
| Solyc12g0 | 59.48 | 54.60 | 52.25 | 22.11 | 21.19 | 17.15 | 2.75  | 1.46  |
| Solyc12g0 | 35.31 | 33.27 | 33.79 | 9.51  | 11.77 | 13.24 | 2.97  | 1.57  |
| Solyc12g0 | 21.68 | 21.06 | 21.11 | 9.96  | 9.85  | 9.17  | 2.20  | 1.14  |
| Solyc07g0 | 2.30  | 2.31  | 2.28  | 8.58  | 8.88  | 9.14  | 0.26  | -1.95 |
| Solyc12g0 | 37.58 | 37.07 | 37.11 | 14.45 | 14.70 | 15.90 | 2.48  | 1.31  |
| Solyc09g0 | 3.62  | 3.18  | 3.14  | 0.54  | 0.36  | 0.47  | 7.25  | 2.86  |
| Solyc03g0 | 26.25 | 24.35 | 23.88 | 10.04 | 9.97  | 10.61 | 2.43  | 1.28  |
| Solyc12g0 | 12.85 | 11.89 | 12.75 | 25.37 | 27.32 | 25.89 | 0.48  | -1.07 |
| Solyc02g0 | 6.26  | 5.88  | 5.74  | 0.71  | 0.87  | 0.43  | 8.87  | 3.15  |
| Solyc10g0 | 14.92 | 13.62 | 13.39 | 6.37  | 6.79  | 6.36  | 2.15  | 1.10  |
| Solyc01g0 | 25.84 | 25.06 | 25.10 | 13.52 | 11.37 | 11.46 | 2.09  | 1.06  |
| Solyc12g0 | 2.07  | 2.02  | 2.29  | 7.29  | 6.81  | 7.24  | 0.30  | -1.74 |
| Solyc08g0 | 7.98  | 7.45  | 8.63  | 2.58  | 3.20  | 2.66  | 2.85  | 1.51  |
| Solyc12g0 | 8.97  | 9.52  | 9.86  | 1.50  | 0.59  | 0.77  | 9.91  | 3.31  |
| Solyc09g0 | 11.74 | 11.09 | 11.96 | 25.27 | 31.82 | 30.75 | 0.40  | -1.34 |
| Solyc01g0 | 24.21 | 25.01 | 23.98 | 53.38 | 66.02 | 56.85 | 0.42  | -1.27 |
| Solyc09g0 | 8.06  | 7.59  | 8.32  | 22.21 | 28.32 | 23.80 | 0.32  | -1.63 |
| Solyc09g0 | 7.74  | 7.23  | 7.98  | 0.93  | 1.45  | 0.94  | 6.92  | 2.79  |
| Solyc01g0 | 21.84 | 21.72 | 21.83 | 45.76 | 47.72 | 49.47 | 0.46  | -1.13 |
| Solyc01g0 | 7.05  | 6.35  | 6.65  | 2.62  | 2.36  | 1.99  | 2.88  | 1.53  |
| Solyc09g0 | 4.32  | 4.01  | 4.61  | 1.07  | 1.18  | 0.86  | 4.17  | 2.06  |
| Solyc09g0 | 4.02  | 4.35  | 3.49  | 0.52  | 0.79  | 0.61  | 6.17  | 2.63  |

|           |       |       |       |        |        |        |       |       |
|-----------|-------|-------|-------|--------|--------|--------|-------|-------|
| Solyc06g0 | 17.20 | 17.62 | 14.94 | 5.07   | 5.36   | 6.22   | 2.99  | 1.58  |
| Solyc09g0 | 4.86  | 4.90  | 4.54  | 1.96   | 1.92   | 2.07   | 2.40  | 1.26  |
| Solyc09g0 | 4.98  | 4.67  | 5.67  | 14.41  | 14.40  | 14.62  | 0.35  | -1.50 |
| Solyc06g0 | 32.09 | 34.50 | 33.75 | 63.83  | 75.91  | 67.45  | 0.48  | -1.05 |
| Solyc09g0 | 2.70  | 2.07  | 2.85  | 9.51   | 10.36  | 10.86  | 0.25  | -2.01 |
| Solyc08g0 | 1.76  | 1.88  | 1.70  | 0.43   | 0.38   | 0.36   | 4.60  | 2.20  |
| Solyc02g0 | 17.99 | 17.98 | 18.41 | 34.01  | 37.54  | 40.05  | 0.49  | -1.04 |
| Solyc06g0 | 10.73 | 10.71 | 10.84 | 3.86   | 4.64   | 4.95   | 2.40  | 1.26  |
| Solyc05g0 | 24.49 | 25.03 | 24.72 | 11.06  | 9.74   | 10.43  | 2.38  | 1.25  |
| Solyc02g0 | 0.36  | 0.39  | 0.43  | 2.24   | 2.76   | 2.64   | 0.16  | -2.68 |
| Solyc01g0 | 23.79 | 22.64 | 22.09 | 71.66  | 59.47  | 61.11  | 0.36  | -1.49 |
| Solyc09g0 | 1.55  | 1.47  | 1.32  | 6.22   | 6.08   | 5.57   | 0.24  | -2.04 |
| Solyc01g0 | 3.03  | 2.82  | 2.90  | 7.89   | 8.99   | 8.50   | 0.34  | -1.54 |
| Solyc10g0 | 33.03 | 33.93 | 33.24 | 14.75  | 18.71  | 16.26  | 2.02  | 1.01  |
| Solyc12g0 | 6.54  | 6.54  | 6.51  | 2.67   | 2.87   | 2.81   | 2.35  | 1.23  |
| Solyc04g0 | 58.20 | 58.88 | 58.09 | 25.45  | 20.61  | 18.99  | 2.69  | 1.43  |
| Solyc08g0 | 49.61 | 52.82 | 49.78 | 114.91 | 104.55 | 101.45 | 0.47  | -1.08 |
| Solyc09g0 | 0.82  | 0.87  | 0.96  | 0.20   | 0.19   | 0.20   | 4.52  | 2.18  |
| Solyc08g0 | 2.11  | 2.12  | 2.46  | 0.49   | 0.47   | 0.47   | 4.70  | 2.23  |
| Solyc06g0 | 4.84  | 4.85  | 4.55  | 10.28  | 12.91  | 11.73  | 0.41  | -1.29 |
| Solyc12g0 | 24.02 | 24.86 | 23.96 | 9.42   | 10.20  | 7.28   | 2.71  | 1.44  |
| Solyc01g1 | 1.78  | 1.60  | 1.75  | 0.03   | 0      | 0.04   | 72.82 | 6.19  |
| Solyc09g0 | 21.99 | 20.81 | 18.63 | 73.55  | 67.30  | 56.80  | 0.31  | -1.69 |
| Solyc03g1 | 6.71  | 9.13  | 8.19  | 1.02   | 0.49   | 0.45   | 12.24 | 3.61  |
| Solyc03g0 | 12.09 | 13.30 | 12.67 | 3.06   | 2.80   | 3.26   | 4.17  | 2.06  |
| Solyc01g1 | 11.48 | 10.43 | 10.79 | 3.67   | 3.82   | 3.77   | 2.90  | 1.54  |
| Solyc10g0 | 4.83  | 4.76  | 4.40  | 10.44  | 13.14  | 11.80  | 0.40  | -1.34 |
| Solyc10g0 | 24.20 | 25.77 | 28.00 | 8.78   | 9.94   | 7.90   | 2.93  | 1.55  |
| Solyc01g0 | 3.59  | 3.50  | 2.99  | 10.02  | 9.79   | 8.88   | 0.35  | -1.51 |
| Solyc07g0 | 11.08 | 11.11 | 10.26 | 3.63   | 4.90   | 3.80   | 2.63  | 1.40  |
| Solyc04g0 | 9.08  | 8.70  | 9.41  | 3.73   | 4.16   | 3.99   | 2.29  | 1.19  |
| Solyc11g0 | 11.41 | 12.15 | 12.44 | 23.87  | 27.31  | 25.84  | 0.47  | -1.10 |
| Solyc02g0 | 5.55  | 5.79  | 4.98  | 12.87  | 15.74  | 15.10  | 0.37  | -1.42 |
| Solyc06g0 | 5.33  | 4.81  | 4.98  | 2.13   | 1.92   | 2.07   | 2.47  | 1.31  |
| Solyc03g0 | 2.28  | 2.37  | 1.99  | 0.66   | 0.75   | 0.68   | 3.18  | 1.67  |
| Solyc06g0 | 19.25 | 21.14 | 21.84 | 9.08   | 9.79   | 10.06  | 2.15  | 1.10  |
| Solyc01g0 | 1.68  | 1.75  | 1.81  | 0.27   | 0.16   | 0.21   | 8.17  | 3.03  |
| Solyc11g0 | 12.84 | 14.34 | 12.69 | 6.70   | 6.71   | 6.00   | 2.05  | 1.04  |
| Solyc11g0 | 5.64  | 5.09  | 5.13  | 1.75   | 1.81   | 1.46   | 3.16  | 1.66  |
| Solyc06g0 | 1.48  | 1.53  | 1.50  | 0.16   | 0.04   | 0.07   | 16.51 | 4.04  |
| Solyc06g0 | 2.70  | 2.48  | 2.26  | 7.60   | 9.70   | 8.73   | 0.29  | -1.81 |
| Solyc05g0 | 3.03  | 2.30  | 2.95  | 26.42  | 26.95  | 24.58  | 0.11  | -3.23 |
| Solyc08g0 | 8.69  | 9.27  | 9.03  | 2.80   | 1.78   | 2.18   | 3.99  | 2.00  |
| Solyc03g1 | 0.56  | 0.48  | 0.58  | 2.57   | 3.11   | 3.70   | 0.17  | -2.53 |
| Solyc06g0 | 4.00  | 4.21  | 5.32  | 1.23   | 1.25   | 1.26   | 3.62  | 1.85  |
| Solyc07g0 | 48.98 | 52.75 | 51.53 | 94.11  | 114.79 | 102.40 | 0.49  | -1.02 |
| Solyc09g0 | 14.12 | 14.87 | 12.28 | 2.52   | 2.14   | 1.09   | 7.18  | 2.84  |
| Solyc09g0 | 5.23  | 5.50  | 6.02  | 1.82   | 1.45   | 1.37   | 3.61  | 1.85  |
| Solyc09g0 | 12.80 | 13.14 | 12.62 | 3.05   | 3.08   | 3.11   | 4.17  | 2.06  |
| Solyc09g0 | 32.19 | 31.50 | 27.47 | 63.75  | 80.77  | 75.30  | 0.41  | -1.27 |
| Solyc07g0 | 7.80  | 7.67  | 7.47  | 3.70   | 3.92   | 3.80   | 2.01  | 1.01  |

|           |        |        |        |        |        |        |      |       |
|-----------|--------|--------|--------|--------|--------|--------|------|-------|
| Solyc09g0 | 0.10   | 0.17   | 0.19   | 1.47   | 1.72   | 1.73   | 0.09 | -3.42 |
| Solyc06g0 | 1.35   | 1.37   | 1.75   | 7.14   | 10.34  | 6.78   | 0.18 | -2.44 |
| Solyc10g0 | 4.87   | 4.56   | 4.94   | 1.84   | 1.55   | 1.54   | 2.91 | 1.54  |
| Solyc03g1 | 37.91  | 35.55  | 37.24  | 83.52  | 94.37  | 79.65  | 0.43 | -1.22 |
| Solyc05g0 | 8.37   | 7.84   | 8.36   | 3.27   | 3.30   | 3.66   | 2.40 | 1.27  |
| Solyc09g0 | 19.41  | 22.22  | 20.08  | 10.24  | 9.49   | 9.26   | 2.13 | 1.09  |
| Solyc09g0 | 8.94   | 10.25  | 9.32   | 20.22  | 22.95  | 21.50  | 0.44 | -1.18 |
| Solyc10g0 | 45.63  | 43.34  | 45.69  | 20.84  | 20.95  | 20.22  | 2.17 | 1.12  |
| Solyc02g0 | 7.94   | 9.02   | 8.88   | 3.74   | 4.67   | 3.74   | 2.12 | 1.09  |
| Solyc12g0 | 10.37  | 10.36  | 10.34  | 4.83   | 5.03   | 5.34   | 2.04 | 1.03  |
| Solyc04g0 | 47.72  | 52.84  | 46.63  | 106.18 | 153.23 | 129.67 | 0.38 | -1.40 |
| Solyc11g0 | 52.77  | 50.17  | 50.26  | 22.04  | 15.67  | 14.72  | 2.92 | 1.55  |
| Solyc04g0 | 15.10  | 15.48  | 15.17  | 45.40  | 44.47  | 35.01  | 0.37 | -1.45 |
| Solyc06g0 | 59.29  | 69.68  | 64.73  | 129.87 | 160.48 | 157.89 | 0.43 | -1.21 |
| Solyc05g0 | 7.88   | 5.93   | 5.89   | 1.23   | 1.66   | 1.23   | 4.78 | 2.26  |
| Solyc08g0 | 6.59   | 5.58   | 6.72   | 2.53   | 2.53   | 2.88   | 2.38 | 1.25  |
| Solyc09g0 | 10.32  | 11.07  | 9.50   | 2.25   | 1.13   | 1.90   | 5.85 | 2.55  |
| Solyc01g0 | 6.24   | 6.57   | 6.02   | 2.10   | 2.04   | 1.65   | 3.25 | 1.70  |
| Solyc04g0 | 5.33   | 6.07   | 5.12   | 2.06   | 1.65   | 2.02   | 2.89 | 1.53  |
| Solyc01g1 | 0.85   | 0.93   | 0.82   | 3.22   | 3.72   | 3.83   | 0.24 | -2.06 |
| Solyc01g1 | 5.70   | 5.84   | 5.77   | 16.46  | 14.05  | 16.26  | 0.37 | -1.43 |
| Solyc03g1 | 1.98   | 2.69   | 2.41   | 7.84   | 7.54   | 8.43   | 0.30 | -1.75 |
| Solyc10g0 | 6.20   | 5.18   | 6.13   | 14.19  | 16.27  | 14.85  | 0.39 | -1.37 |
| Solyc03g0 | 3.22   | 2.77   | 2.92   | 0.75   | 0.91   | 0.73   | 3.72 | 1.89  |
| Solyc07g0 | 15.90  | 15.58  | 16.28  | 5.94   | 6.70   | 5.23   | 2.67 | 1.42  |
| Solyc05g0 | 10.47  | 11.47  | 9.85   | 1.82   | 2.86   | 2.66   | 4.33 | 2.11  |
| Solyc07g0 | 4.00   | 3.99   | 3.88   | 0.53   | 0.37   | 0.69   | 7.42 | 2.89  |
| Solyc09g0 | 1.49   | 1.51   | 1.60   | 4.29   | 4.82   | 4.62   | 0.34 | -1.58 |
| Solyc03g0 | 11.88  | 12.58  | 11.98  | 23.65  | 26.82  | 24.87  | 0.48 | -1.05 |
| Solyc08g0 | 3.70   | 3.94   | 4.13   | 11.72  | 14.79  | 13.83  | 0.29 | -1.78 |
| Solyc05g0 | 1.62   | 1.51   | 1.29   | 16.77  | 14.69  | 16.49  | 0.09 | -3.44 |
| Solyc04g0 | 29.35  | 30.31  | 33.65  | 14.86  | 12.80  | 12.53  | 2.32 | 1.22  |
| Solyc03g0 | 12.72  | 11.91  | 11.04  | 5.26   | 6.34   | 4.94   | 2.16 | 1.11  |
| Solyc04g0 | 0.92   | 0.40   | 0.83   | 5.03   | 5.57   | 5.86   | 0.13 | -2.94 |
| Solyc11g0 | 9.88   | 10.10  | 9.28   | 19.61  | 19.40  | 20.05  | 0.50 | -1.01 |
| Solyc11g0 | 26.62  | 30.79  | 29.12  | 11.14  | 13.37  | 13.30  | 2.29 | 1.19  |
| Solyc06g0 | 10.60  | 10.75  | 10.83  | 4.69   | 5.72   | 4.99   | 2.09 | 1.06  |
| Solyc02g0 | 6.44   | 6.39   | 7.20   | 13.17  | 15.21  | 14.74  | 0.46 | -1.11 |
| Solyc06g0 | 12.18  | 13.37  | 9.71   | 2.25   | 2.05   | 2.30   | 5.35 | 2.42  |
| Solyc01g0 | 12.42  | 11.45  | 11.66  | 5.64   | 5.59   | 5.25   | 2.16 | 1.11  |
| Solyc03g0 | 1.23   | 1.39   | 1.44   | 0.12   | 0.19   | 0.22   | 7.56 | 2.92  |
| Solyc07g0 | 2.08   | 2.03   | 2.34   | 0.31   | 0.25   | 0.41   | 6.62 | 2.73  |
| Solyc09g0 | 0.62   | 0.80   | 0.82   | 3.41   | 3.49   | 3.15   | 0.22 | -2.17 |
| Solyc03g1 | 3.54   | 3.82   | 3.66   | 1.57   | 1.46   | 1.53   | 2.42 | 1.27  |
| Solyc06g0 | 1.06   | 0.88   | 0.96   | 3.27   | 4.01   | 4.09   | 0.26 | -1.97 |
| Solyc02g0 | 8.72   | 9.09   | 8.66   | 3.48   | 3.04   | 3.73   | 2.58 | 1.37  |
| Solyc01g0 | 3.92   | 3.55   | 2.90   | 11.05  | 11.35  | 10.16  | 0.32 | -1.65 |
| Solyc10g0 | 2.79   | 2.92   | 2.86   | 6.58   | 7.46   | 7.70   | 0.39 | -1.34 |
| Solyc06g0 | 10.77  | 10.07  | 10.79  | 4.02   | 2.99   | 2.84   | 3.21 | 1.68  |
| Solyc05g0 | 5.27   | 5.79   | 5.56   | 2.30   | 2.28   | 2.32   | 2.41 | 1.27  |
| Solyc02g0 | 697.25 | 642.35 | 647.93 | 95.02  | 64.11  | 48.48  | 9.57 | 3.26  |

|           |          |          |          |         |         |         |       |       |
|-----------|----------|----------|----------|---------|---------|---------|-------|-------|
| Solyc07g0 | 3.88     | 2.81     | 3.62     | 0.55    | 0.26    | 0.42    | 8.41  | 3.07  |
| Solyc08g0 | 2.56     | 2.33     | 2.88     | 0.35    | 0.46    | 0.43    | 6.25  | 2.64  |
| Solyc03g0 | 1.37     | 1.40     | 1.39     | 4.72    | 4.09    | 4.42    | 0.31  | -1.67 |
| Solyc12g0 | 11.90    | 12.03    | 10.55    | 22.80   | 26.02   | 25.94   | 0.46  | -1.12 |
| Solyc05g0 | 0.30     | 0.27     | 0.35     | 1.30    | 1.97    | 1.56    | 0.19  | -2.39 |
| Solyc02g0 | 6.51     | 7.12     | 7.54     | 2.36    | 2.75    | 2.31    | 2.85  | 1.51  |
| Solyc09g0 | 10.06    | 11.23    | 11.18    | 24.96   | 28.30   | 24.51   | 0.42  | -1.26 |
| Solyc09g0 | 0        | 0.06     | 0.13     | 9.41    | 9.15    | 11.04   | 0.01  | -7.29 |
| Solyc12g0 | 1.73     | 1.70     | 2.05     | 0.31    | 0.18    | 0.22    | 7.81  | 2.96  |
| Solyc06g0 | 5.97     | 5.88     | 5.63     | 0.55    | 1.24    | 0.55    | 7.48  | 2.90  |
| Solyc04g0 | 1.71     | 1.56     | 1.46     | 7.26    | 6.91    | 6.92    | 0.22  | -2.15 |
| Solyc01g0 | 1.16     | 1.71     | 1.51     | 6.91    | 6.75    | 6.73    | 0.21  | -2.22 |
| Solyc06g0 | 0.61     | 0.68     | 0.37     | 5.60    | 5.19    | 4.32    | 0.11  | -3.19 |
| Solyc07g0 | 325.55   | 288.02   | 321.41   | 39.36   | 21.62   | 21.77   | 11.30 | 3.50  |
| Solyc12g0 | 0.17     | 0        | 0.40     | 35.52   | 26.11   | 29.51   | 0.01  | -7.31 |
| Solyc07g0 | 5.06     | 5.23     | 5.42     | 10.47   | 11.07   | 10.93   | 0.48  | -1.05 |
| Solyc06g0 | 12.13    | 11.01    | 11.83    | 4.95    | 3.55    | 4.27    | 2.74  | 1.45  |
| Solyc03g1 | 40.19    | 35.94    | 43.76    | 20.79   | 18.13   | 16.48   | 2.16  | 1.11  |
| Solyc07g0 | 5.19     | 6.12     | 5.35     | 2.31    | 2.65    | 2.72    | 2.17  | 1.12  |
| Solyc03g1 | 2.38     | 2.04     | 1.88     | 0.50    | 0.42    | 0.45    | 4.61  | 2.21  |
| Solyc03g0 | 2.74     | 2.80     | 3.02     | 0.79    | 0.52    | 0.58    | 4.53  | 2.18  |
| Solyc04g0 | 1.62     | 1.62     | 1.46     | 0.30    | 0.13    | 0.30    | 6.45  | 2.69  |
| Solyc06g0 | 2.80     | 2.54     | 2.94     | 7.60    | 7.97    | 9.16    | 0.33  | -1.58 |
| Solyc10g0 | 0.31     | 0.17     | 0.29     | 1.76    | 1.96    | 2.22    | 0.13  | -2.96 |
| Solyc02g0 | 0.24     | 0.46     | 0.32     | 1.84    | 2.26    | 2.72    | 0.15  | -2.74 |
| Solyc08g0 | 2.40     | 2.13     | 2.32     | 0.60    | 0.44    | 0.53    | 4.36  | 2.13  |
| Solyc09g0 | 43.14    | 45.45    | 41.87    | 77.92   | 102.63  | 94.24   | 0.47  | -1.07 |
| Solyc01g0 | 41.94    | 40.50    | 37.70    | 20.92   | 19.38   | 19.74   | 2.00  | 1.00  |
| Solyc01g1 | 0.04     | 0.04     | 0.02     | 1.23    | 1.17    | 0.83    | 0.03  | -5.02 |
| Solyc12g0 | 4.57     | 4.64     | 4.26     | 12.42   | 12.40   | 11.51   | 0.37  | -1.43 |
| Solyc07g0 | 2.63     | 2.66     | 2.63     | 0.45    | 0.54    | 0.29    | 6.21  | 2.63  |
| Solyc05g0 | 17.10    | 18.89    | 18.53    | 32.42   | 39.32   | 39.37   | 0.49  | -1.03 |
| Solyc10g0 | 8.38     | 7.76     | 7.87     | 3.18    | 2.16    | 1.91    | 3.31  | 1.73  |
| Solyc11g0 | 6.45     | 7.06     | 7.16     | 19.35   | 17.28   | 16.07   | 0.39  | -1.35 |
| Solyc09g0 | 6.11     | 6.86     | 6.00     | 1.83    | 2.12    | 1.43    | 3.53  | 1.82  |
| Solyc09g0 | 4.49     | 4.72     | 5.17     | 0.35    | 0.27    | 0.08    | 20.47 | 4.36  |
| Solyc07g0 | 21692.13 | 20498.43 | 20744.43 | 6919.72 | 4983.38 | 4797.90 | 3.77  | 1.91  |
| Solyc02g0 | 6.49     | 7.06     | 7.33     | 13.88   | 17.01   | 16.75   | 0.44  | -1.19 |
| Solyc09g0 | 12.57    | 12.82    | 13.11    | 23.56   | 29.18   | 27.27   | 0.48  | -1.06 |
| Solyc03g0 | 7.61     | 6.77     | 6.13     | 2.21    | 2.31    | 2.52    | 2.92  | 1.54  |
| Solyc05g0 | 28.25    | 27.85    | 24.22    | 12.32   | 11.39   | 10.28   | 2.36  | 1.24  |
| Solyc07g0 | 1.38     | 1.32     | 1.29     | 0.62    | 0.61    | 0.60    | 2.19  | 1.13  |
| Solyc05g0 | 2.82     | 2.89     | 2.77     | 5.70    | 5.98    | 5.75    | 0.49  | -1.04 |
| Solyc11g0 | 1.64     | 1.42     | 1.52     | 4.53    | 4.10    | 4.40    | 0.35  | -1.51 |
| Solyc10g0 | 12.71    | 11.33    | 12.32    | 3.91    | 2.33    | 3.24    | 3.83  | 1.94  |
| Solyc05g0 | 5.34     | 4.95     | 4.93     | 1.46    | 0.96    | 0.96    | 4.51  | 2.17  |
| Solyc12g0 | 4.14     | 4.32     | 3.47     | 0.75    | 0.87    | 0.62    | 5.32  | 2.41  |
| Solyc09g0 | 3.63     | 4.43     | 4.33     | 14.01   | 15.32   | 16.85   | 0.27  | -1.90 |
| Solyc06g0 | 19.50    | 19.69    | 18.44    | 36.75   | 47.18   | 40.82   | 0.46  | -1.11 |
| Solyc07g0 | 73.81    | 67.71    | 68.92    | 148.46  | 141.33  | 134.52  | 0.50  | -1.01 |
| Solyc01g1 | 2.04     | 2.13     | 2.26     | 0.94    | 0.90    | 0.93    | 2.32  | 1.22  |

|           |        |        |        |        |        |        |      |       |
|-----------|--------|--------|--------|--------|--------|--------|------|-------|
| Solyc08g0 | 15.15  | 18.42  | 16.19  | 34.11  | 43.88  | 41.54  | 0.42 | -1.26 |
| Solyc02g0 | 6.48   | 6.72   | 6.05   | 18.61  | 15.85  | 16.53  | 0.38 | -1.41 |
| Solyc01g1 | 642.80 | 605.44 | 606.76 | 365.10 | 276.98 | 256.82 | 2.06 | 1.05  |
| Solyc03g0 | 27.63  | 32.76  | 33.39  | 15.12  | 16.59  | 13.72  | 2.06 | 1.05  |
| Solyc05g0 | 3.38   | 4.12   | 3.29   | 0.70   | 0.90   | 0.82   | 4.45 | 2.15  |
| Solyc11g0 | 0.33   | 0.31   | 0.30   | 1.20   | 1.33   | 1.19   | 0.25 | -1.98 |
| Solyc08g0 | 3.85   | 3.14   | 2.86   | 9.20   | 8.94   | 10.00  | 0.35 | -1.51 |
| Solyc10g0 | 7.60   | 9.34   | 7.88   | 3.53   | 3.72   | 3.19   | 2.38 | 1.25  |
| Solyc02g0 | 140.31 | 143.93 | 144.47 | 84.57  | 63.90  | 64.35  | 2.01 | 1.01  |
| Solyc04g0 | 3.42   | 3.56   | 3.14   | 7.28   | 7.86   | 8.66   | 0.43 | -1.23 |
| Solyc08g0 | 2.12   | 2.40   | 2.20   | 5.01   | 5.78   | 5.48   | 0.41 | -1.27 |
| Solyc09g0 | 1.74   | 1.38   | 1.65   | 5.54   | 8.04   | 7.23   | 0.23 | -2.13 |
| Solyc03g0 | 6.03   | 5.83   | 6.33   | 1.66   | 0.85   | 1.22   | 4.87 | 2.29  |
| Solyc03g1 | 11.76  | 11.91  | 13.26  | 26.29  | 28.86  | 25.45  | 0.46 | -1.13 |
| Solyc01g0 | 0.40   | 0.26   | 0.23   | 3.53   | 2.70   | 2.88   | 0.10 | -3.35 |
| Solyc10g0 | 0.19   | 0.09   | 0.07   | 1.62   | 1.64   | 1.84   | 0.07 | -3.89 |
| Solyc05g0 | 18.52  | 21.51  | 20.30  | 10.07  | 8.64   | 9.86   | 2.11 | 1.08  |
| Solyc01g0 | 3.79   | 3.90   | 4.35   | 0.49   | 0.93   | 0.87   | 5.24 | 2.39  |
| Solyc07g0 | 4.31   | 3.46   | 4.29   | 1.40   | 1.35   | 1.31   | 2.96 | 1.57  |
| Solyc12g0 | 26.74  | 19.59  | 25.58  | 7.21   | 7.93   | 5.86   | 3.42 | 1.78  |
| Solyc02g0 | 3.91   | 4.64   | 4.38   | 9.16   | 9.66   | 9.66   | 0.45 | -1.14 |
| Solyc02g0 | 4.33   | 4.78   | 3.95   | 19.98  | 18.84  | 13.61  | 0.25 | -2.01 |
| Solyc11g0 | 6.32   | 6.42   | 6.83   | 2.76   | 2.70   | 2.82   | 2.36 | 1.24  |
| Solyc01g0 | 13.11  | 13.19  | 11.67  | 5.27   | 5.84   | 4.39   | 2.45 | 1.29  |
| Solyc01g0 | 15.59  | 14.60  | 13.43  | 32.58  | 36.54  | 29.70  | 0.44 | -1.18 |
| Solyc11g0 | 0      | 0.10   | 0.08   | 2.47   | 2.31   | 2.53   | 0.02 | -5.38 |
| Solyc10g0 | 2.78   | 2.52   | 2.63   | 6.49   | 6.25   | 7.56   | 0.39 | -1.36 |
| Solyc01g1 | 1.89   | 1.92   | 2.00   | 4.20   | 4.70   | 4.44   | 0.44 | -1.20 |
| Solyc03g0 | 0.13   | 0.18   | 0.30   | 2.96   | 2.36   | 3.11   | 0.07 | -3.80 |
| Solyc05g0 | 1.74   | 1.58   | 1.36   | 4.18   | 4.64   | 4.62   | 0.35 | -1.52 |
| Solyc06g0 | 3.59   | 3.57   | 3.77   | 1.41   | 1.19   | 1.02   | 3.01 | 1.59  |
| Solyc06g0 | 15.32  | 15.12  | 16.50  | 29.63  | 34.32  | 31.64  | 0.49 | -1.03 |
| Solyc07g0 | 10.73  | 9.85   | 10.41  | 5.10   | 4.35   | 4.60   | 2.20 | 1.14  |
| Solyc02g0 | 11.74  | 11.97  | 11.48  | 4.97   | 5.63   | 4.60   | 2.31 | 1.21  |
| Solyc06g0 | 4.68   | 5.69   | 4.70   | 2.17   | 2.19   | 2.05   | 2.35 | 1.23  |
| Solyc03g0 | 23.84  | 26.47  | 22.42  | 3.83   | 2.04   | 1.50   | 9.87 | 3.30  |
| Solyc04g0 | 4.67   | 4.37   | 5.02   | 9.55   | 12.57  | 12.22  | 0.41 | -1.29 |
| Solyc08g0 | 2.16   | 2.36   | 2.09   | 4.13   | 4.69   | 4.60   | 0.49 | -1.02 |
| Solyc10g0 | 8.29   | 9.60   | 11.21  | 2.95   | 3.28   | 2.39   | 3.38 | 1.76  |
| Solyc06g0 | 25.90  | 26.73  | 25.62  | 12.28  | 7.92   | 9.16   | 2.67 | 1.41  |
| Solyc11g0 | 5.63   | 5.16   | 5.72   | 11.40  | 12.78  | 11.97  | 0.46 | -1.13 |
| Solyc05g0 | 5.41   | 4.60   | 4.89   | 1.98   | 1.68   | 1.65   | 2.81 | 1.49  |
| Solyc01g0 | 0.15   | 0.68   | 0.31   | 9.10   | 8.37   | 9.50   | 0.04 | -4.56 |
| Solyc04g0 | 4.19   | 3.89   | 3.62   | 9.26   | 10.34  | 11.44  | 0.38 | -1.41 |
| Solyc06g0 | 1.14   | 1.33   | 1.36   | 5.95   | 5.22   | 6.27   | 0.22 | -2.18 |
| Solyc08g0 | 5.36   | 6.68   | 6.50   | 2.79   | 2.92   | 2.81   | 2.18 | 1.12  |
| Solyc11g0 | 8.23   | 8.27   | 7.49   | 3.69   | 4.38   | 3.50   | 2.07 | 1.05  |
| Solyc09g0 | 1.87   | 1.65   | 1.85   | 5.16   | 4.73   | 4.87   | 0.36 | -1.46 |
| Solyc11g0 | 4.04   | 3.56   | 4.48   | 9.41   | 10.10  | 11.04  | 0.40 | -1.34 |
| Solyc01g0 | 0.98   | 1.02   | 0.76   | 2.74   | 3.15   | 3.38   | 0.30 | -1.75 |
| Solyc04g0 | 1.12   | 1.13   | 1.84   | 6.76   | 6.56   | 7.36   | 0.20 | -2.34 |

|           |        |        |        |        |        |        |       |       |
|-----------|--------|--------|--------|--------|--------|--------|-------|-------|
| Solyc06g0 | 16.42  | 17.16  | 17.17  | 9.45   | 8.39   | 7.23   | 2.02  | 1.02  |
| Solyc01g1 | 3.36   | 3.76   | 3.66   | 7.64   | 8.51   | 7.66   | 0.45  | -1.14 |
| ENSRNAC   | 273.86 | 214.78 | 281.74 | 134.77 | 101.40 | 129.04 | 2.11  | 1.08  |
| Solyc04g0 | 1.96   | 2.22   | 1.79   | 4.59   | 4.72   | 5.18   | 0.41  | -1.28 |
| Solyc07g0 | 1.86   | 1.73   | 2.12   | 0.35   | 0.38   | 0.47   | 4.78  | 2.26  |
| Solyc04g0 | 0.35   | 0.64   | 0.26   | 3.68   | 5.06   | 3.48   | 0.10  | -3.29 |
| Solyc01g1 | 3.66   | 3.96   | 4.02   | 1.03   | 1.35   | 1.48   | 3.01  | 1.59  |
| Solyc11g0 | 3.18   | 2.83   | 3.35   | 1.04   | 0.99   | 1.15   | 2.94  | 1.56  |
| Solyc01g0 | 2.19   | 2.15   | 2.43   | 0.70   | 0.66   | 0.55   | 3.54  | 1.82  |
| Solyc06g0 | 4.77   | 4.39   | 5.00   | 1.32   | 0.91   | 0.72   | 4.81  | 2.27  |
| Solyc06g0 | 7.56   | 6.93   | 7.29   | 18.96  | 18.51  | 17.46  | 0.40  | -1.33 |
| Solyc02g0 | 2.06   | 2.54   | 2.96   | 0.47   | 0.26   | 0.39   | 6.74  | 2.75  |
| Solyc01g0 | 1.34   | 1.92   | 2.03   | 0.21   | 0.18   | 0.18   | 9.30  | 3.22  |
| Solyc12g0 | 6.57   | 6.15   | 6.06   | 3.27   | 2.99   | 3.08   | 2.01  | 1.01  |
| Solyc04g0 | 2.20   | 2.15   | 2.17   | 5.21   | 4.67   | 5.80   | 0.42  | -1.27 |
| Solyc11g0 | 63.76  | 65.44  | 65.46  | 33.91  | 21.25  | 21.66  | 2.53  | 1.34  |
| Solyc02g0 | 3.68   | 3.88   | 3.80   | 6.73   | 8.14   | 7.87   | 0.50  | -1.00 |
| Solyc07g0 | 4.83   | 4.90   | 5.11   | 1.70   | 1.52   | 1.31   | 3.28  | 1.71  |
| Solyc06g0 | 2.91   | 2.56   | 2.99   | 7.43   | 7.01   | 6.43   | 0.41  | -1.30 |
| Solyc06g0 | 4.79   | 5.49   | 5.03   | 2.46   | 2.33   | 2.52   | 2.09  | 1.07  |
| Solyc03g0 | 2.46   | 2.88   | 2.59   | 12.35  | 10.97  | 9.74   | 0.24  | -2.06 |
| Solyc08g0 | 5.19   | 5.65   | 5.23   | 2.16   | 1.92   | 1.68   | 2.79  | 1.48  |
| Solyc10g0 | 0.61   | 0.81   | 0.90   | 0.10   | 0.05   | 0.07   | 10.66 | 3.41  |
| Solyc03g1 | 3.00   | 2.86   | 2.91   | 6.35   | 5.68   | 6.31   | 0.48  | -1.06 |
| Solyc06g0 | 10.39  | 9.39   | 11.15  | 4.90   | 4.39   | 4.77   | 2.20  | 1.14  |
| Solyc06g0 | 579.23 | 529.52 | 552.25 | 46.71  | 23.03  | 17.24  | 19.10 | 4.26  |
| Solyc12g0 | 21.83  | 21.78  | 22.47  | 12.62  | 9.09   | 9.71   | 2.10  | 1.07  |
| Solyc03g1 | 5.96   | 6.20   | 6.28   | 14.90  | 18.21  | 15.90  | 0.38  | -1.41 |
| Solyc03g1 | 0.77   | 1.05   | 1.02   | 3.51   | 4.39   | 3.65   | 0.25  | -2.02 |
| Solyc12g0 | 0.72   | 0.69   | 0.73   | 1.99   | 2.43   | 2.58   | 0.31  | -1.70 |
| Solyc07g0 | 22.71  | 21.60  | 19.87  | 40.39  | 53.00  | 44.74  | 0.46  | -1.11 |
| Solyc08g0 | 8.57   | 8.07   | 11.00  | 2.47   | 2.22   | 2.25   | 3.98  | 1.99  |
| Solyc04g0 | 32.82  | 32.85  | 31.64  | 17.58  | 13.73  | 12.55  | 2.22  | 1.15  |
| Solyc06g0 | 13.40  | 12.14  | 14.81  | 7.03   | 7.23   | 5.77   | 2.01  | 1.01  |
| Solyc02g0 | 3.04   | 3.55   | 3.63   | 1.14   | 0.89   | 0.85   | 3.55  | 1.83  |
| Solyc10g0 | 4.32   | 4.13   | 4.26   | 1.31   | 1.24   | 1.13   | 3.46  | 1.79  |
| Solyc09g0 | 5.78   | 5.83   | 6.86   | 11.95  | 15.13  | 13.85  | 0.45  | -1.15 |
| Solyc12g0 | 9.82   | 10.78  | 10.56  | 3.39   | 5.42   | 4.13   | 2.41  | 1.27  |
| Solyc03g0 | 4.76   | 4.98   | 4.55   | 2.58   | 2.33   | 1.81   | 2.12  | 1.09  |
| Solyc10g0 | 4.66   | 4.73   | 4.80   | 1.87   | 2.03   | 1.57   | 2.60  | 1.38  |
| Solyc12g0 | 18.21  | 20.90  | 20.39  | 9.78   | 8.90   | 8.12   | 2.22  | 1.15  |
| Solyc05g0 | 3.60   | 3.21   | 3.73   | 0.43   | 0.64   | 0.90   | 5.36  | 2.42  |
| Solyc08g0 | 9.28   | 9.02   | 9.55   | 21.01  | 27.76  | 23.64  | 0.38  | -1.38 |
| Solyc06g0 | 37.84  | 38.35  | 38.57  | 114.21 | 81.15  | 79.78  | 0.42  | -1.26 |
| Solyc12g0 | 1.85   | 1.93   | 1.65   | 4.42   | 4.93   | 5.61   | 0.36  | -1.46 |
| Solyc03g0 | 4.40   | 4.34   | 4.21   | 1.54   | 1.28   | 1.82   | 2.79  | 1.48  |
| Solyc04g0 | 3.66   | 2.70   | 3.33   | 0.81   | 0.56   | 0.75   | 4.57  | 2.19  |
| Solyc02g0 | 8.54   | 6.67   | 7.32   | 3.01   | 2.59   | 3.00   | 2.62  | 1.39  |
| Solyc05g0 | 0.52   | 0.52   | 0.65   | 1.79   | 2.42   | 2.00   | 0.27  | -1.87 |
| Solyc07g0 | 3.10   | 3.02   | 3.53   | 0.70   | 0.98   | 0.62   | 4.20  | 2.07  |
| Solyc09g0 | 0.24   | 0.49   | 0.28   | 2.51   | 2.42   | 2.32   | 0.14  | -2.85 |

|           |        |        |        |       |       |       |       |        |
|-----------|--------|--------|--------|-------|-------|-------|-------|--------|
| Solyc04g0 | 2.89   | 3.08   | 2.95   | 1.40  | 1.51  | 1.44  | 2.05  | 1.04   |
| Solyc12g0 | 14.88  | 13.32  | 13.34  | 4.63  | 2.08  | 2.93  | 4.31  | 2.11   |
| Solyc10g0 | 9.41   | 9.32   | 8.41   | 4.03  | 2.79  | 2.50  | 2.91  | 1.54   |
| Solyc03g1 | 4.35   | 4.53   | 4.52   | 2.06  | 2.61  | 1.91  | 2.04  | 1.03   |
| Solyc06g0 | 3.38   | 3.01   | 3.19   | 7.81  | 9.06  | 6.92  | 0.40  | -1.31  |
| Solyc12g0 | 4.91   | 5.28   | 5.38   | 11.15 | 11.39 | 11.90 | 0.45  | -1.15  |
| Solyc11g0 | 0      | 0      | 0      | 5.85  | 7.74  | 6.03  | 0.00  | -16.00 |
| Solyc02g0 | 7.76   | 8.91   | 8.11   | 3.73  | 2.37  | 2.39  | 2.92  | 1.55   |
| Solyc01g0 | 5.15   | 5.20   | 4.66   | 2.11  | 2.42  | 2.11  | 2.26  | 1.18   |
| Solyc12g0 | 24.50  | 21.00  | 21.91  | 10.79 | 11.34 | 9.26  | 2.15  | 1.10   |
| Solyc03g0 | 11.96  | 10.55  | 10.09  | 4.39  | 6.02  | 5.17  | 2.09  | 1.07   |
| Solyc10g0 | 5.10   | 5.44   | 5.32   | 2.28  | 2.98  | 2.17  | 2.14  | 1.10   |
| Solyc06g0 | 2.70   | 2.81   | 1.93   | 7.89  | 8.69  | 7.43  | 0.31  | -1.69  |
| Solyc08g0 | 7.42   | 7.53   | 8.42   | 2.04  | 0.82  | 1.46  | 5.40  | 2.43   |
| Solyc05g0 | 4.98   | 6.60   | 7.64   | 1.75  | 2.48  | 1.79  | 3.20  | 1.68   |
| Solyc04g0 | 122.52 | 111.64 | 111.18 | 62.18 | 38.19 | 39.57 | 2.47  | 1.30   |
| Solyc02g0 | 0.78   | 0.81   | 0.83   | 0.03  | 0.10  | 0.05  | 14.41 | 3.85   |
| Solyc03g1 | 0.72   | 0.75   | 0.82   | 1.88  | 1.96  | 2.10  | 0.38  | -1.38  |
| Solyc02g0 | 5.51   | 4.49   | 3.84   | 13.82 | 12.85 | 14.90 | 0.33  | -1.59  |
| Solyc10g0 | 17.46  | 20.21  | 18.60  | 8.84  | 7.03  | 9.15  | 2.25  | 1.17   |
| Solyc05g0 | 2.31   | 2.64   | 2.91   | 0.96  | 0.80  | 0.68  | 3.22  | 1.69   |
| Solyc04g0 | 7.05   | 7.02   | 7.83   | 16.02 | 18.53 | 17.34 | 0.42  | -1.24  |
| Solyc01g1 | 3.10   | 3.51   | 2.58   | 1.19  | 1.10  | 1.21  | 2.62  | 1.39   |
| Solyc07g0 | 4.47   | 5.21   | 4.66   | 10.25 | 17.03 | 15.30 | 0.34  | -1.57  |
| Solyc02g0 | 4.50   | 3.55   | 4.42   | 9.32  | 9.38  | 9.25  | 0.45  | -1.16  |
| Solyc02g0 | 0.51   | 0.09   | 0      | 20.55 | 13.28 | 12.46 | 0.01  | -6.27  |
| Solyc10g0 | 3.17   | 2.95   | 3.34   | 1.00  | 1.20  | 1.15  | 2.83  | 1.50   |
| Solyc10g0 | 9.35   | 10.53  | 9.98   | 4.50  | 4.15  | 3.00  | 2.56  | 1.36   |
| Solyc09g0 | 3.57   | 3.44   | 3.40   | 11.20 | 9.71  | 8.73  | 0.35  | -1.51  |
| Solyc09g0 | 19.10  | 16.94  | 19.52  | 10.54 | 7.96  | 9.09  | 2.01  | 1.01   |
| Solyc03g0 | 0.27   | 0.39   | 0.34   | 1.71  | 2.08  | 1.62  | 0.18  | -2.45  |
| Solyc02g0 | 2.52   | 2.88   | 3.21   | 9.97  | 9.25  | 11.32 | 0.28  | -1.83  |
| Solyc03g1 | 3.80   | 3.79   | 3.12   | 11.76 | 10.43 | 9.33  | 0.34  | -1.56  |
| Solyc08g0 | 0.68   | 0.57   | 0.93   | 3.55  | 3.65  | 3.90  | 0.20  | -2.35  |
| Solyc02g0 | 5.05   | 5.65   | 6.04   | 10.74 | 11.54 | 11.62 | 0.49  | -1.02  |
| Solyc05g0 | 0.23   | 0.44   | 0.43   | 4.58  | 3.91  | 4.59  | 0.08  | -3.58  |
| Solyc10g0 | 14.19  | 13.98  | 11.86  | 5.42  | 3.02  | 3.57  | 3.33  | 1.74   |
| Solyc03g0 | 23.87  | 19.69  | 20.97  | 12.63 | 9.37  | 8.87  | 2.09  | 1.06   |
| Solyc06g0 | 5.42   | 5.59   | 5.32   | 12.28 | 11.00 | 11.93 | 0.46  | -1.11  |
| Solyc02g0 | 2.08   | 2.42   | 2.09   | 5.11  | 5.21  | 5.21  | 0.42  | -1.24  |
| Solyc10g0 | 17.53  | 18.76  | 18.00  | 6.66  | 10.22 | 7.98  | 2.18  | 1.13   |
| Solyc11g0 | 0      | 0.09   | 0.10   | 3.94  | 4.52  | 3.49  | 0.02  | -5.93  |
| Solyc02g0 | 2.71   | 2.99   | 3.00   | 9.69  | 9.81  | 12.28 | 0.27  | -1.87  |
| Solyc07g0 | 10.78  | 10.23  | 10.07  | 0.92  | 0.44  | 0     | 22.90 | 4.52   |
| Solyc09g0 | 8.91   | 8.80   | 9.02   | 18.97 | 15.88 | 18.63 | 0.50  | -1.00  |
| Solyc03g1 | 9.41   | 9.45   | 8.89   | 3.08  | 1.29  | 1.74  | 4.55  | 2.18   |
| Solyc08g0 | 2.20   | 2.22   | 2.19   | 4.76  | 5.08  | 5.42  | 0.43  | -1.21  |
| Solyc09g0 | 14.25  | 13.58  | 12.78  | 5.47  | 3.35  | 3.09  | 3.41  | 1.77   |
| Solyc04g0 | 3.54   | 3.55   | 3.18   | 0.71  | 0.52  | 0.94  | 4.75  | 2.25   |
| Solyc07g0 | 2.26   | 2.38   | 2.41   | 0.62  | 0.58  | 0.67  | 3.79  | 1.92   |
| Solyc01g0 | 9.04   | 7.75   | 7.54   | 18.85 | 18.17 | 17.46 | 0.45  | -1.16  |

|           |       |       |       |       |       |       |          |        |
|-----------|-------|-------|-------|-------|-------|-------|----------|--------|
| Solyc05g0 | 4.28  | 3.45  | 3.82  | 1.70  | 1.69  | 1.78  | 2.24     | 1.16   |
| Solyc06g0 | 2.33  | 2.35  | 2.86  | 6.85  | 7.65  | 5.89  | 0.37     | -1.44  |
| Solyc11g0 | 4.06  | 4.50  | 4.40  | 7.93  | 9.49  | 8.70  | 0.50     | -1.01  |
| Solyc06g0 | 10.60 | 10.60 | 8.62  | 4.95  | 4.79  | 3.86  | 2.19     | 1.13   |
| Solyc06g0 | 2.09  | 2.71  | 2.76  | 0.60  | 0.76  | 0.38  | 4.34     | 2.12   |
| Solyc01g0 | 2.97  | 3.08  | 3.23  | 7.14  | 6.35  | 6.62  | 0.46     | -1.12  |
| Solyc09g0 | 1.61  | 2.13  | 1.94  | 4.96  | 5.19  | 5.18  | 0.37     | -1.43  |
| Solyc03g0 | 1.93  | 2.14  | 2.36  | 0.67  | 0.52  | 0.46  | 3.90     | 1.96   |
| Solyc09g0 | 2.89  | 2.53  | 2.97  | 5.80  | 5.62  | 5.80  | 0.49     | -1.04  |
| Solyc05g0 | 1.27  | 1.08  | 0.96  | 3.39  | 4.52  | 3.78  | 0.28     | -1.82  |
| Solyc06g0 | 0.98  | 1.13  | 0.81  | 3.19  | 4.00  | 3.71  | 0.27     | -1.90  |
| Solyc11g0 | 0.45  | 0.83  | 0.60  | 2.74  | 2.54  | 2.43  | 0.24     | -2.04  |
| Solyc10g0 | 1.48  | 1.56  | 1.46  | 0.56  | 0.40  | 0.66  | 2.78     | 1.48   |
| Solyc02g0 | 1.18  | 0.94  | 0.88  | 0.08  | 0.03  | 0.04  | 19.98    | 4.32   |
| Solyc08g0 | 10.96 | 9.63  | 9.27  | 4.49  | 3.52  | 3.47  | 2.60     | 1.38   |
| Solyc01g1 | 1.42  | 1.62  | 1.28  | 0.61  | 0.66  | 0.71  | 2.18     | 1.13   |
| Solyc08g0 | 0.06  | 0.09  | 0.16  | 0.79  | 0.79  | 0.93  | 0.12     | -3.05  |
| Solyc02g0 | 2.08  | 1.76  | 1.49  | 6.22  | 5.37  | 6.72  | 0.29     | -1.78  |
| Solyc02g0 | 24.07 | 25.57 | 22.82 | 6.59  | 4.42  | 3.42  | 5.02     | 2.33   |
| Solyc11g0 | 13.12 | 13.82 | 12.91 | 22.19 | 31.08 | 28.57 | 0.49     | -1.04  |
| Solyc04g0 | 2.55  | 2.70  | 2.78  | 1.22  | 1.13  | 1.53  | 2.07     | 1.05   |
| Solyc05g0 | 3.67  | 3.86  | 3.30  | 7.41  | 7.09  | 7.18  | 0.50     | -1.00  |
| Solyc08g0 | 0.62  | 0.77  | 0.80  | 2.13  | 1.90  | 2.46  | 0.34     | -1.57  |
| Solyc03g1 | 4.10  | 2.80  | 3.58  | 0.74  | 0.22  | 0.31  | 8.25     | 3.04   |
| Solyc08g0 | 7.25  | 7.36  | 8.95  | 3.58  | 3.88  | 3.42  | 2.16     | 1.11   |
| Solyc11g0 | 20.45 | 19.01 | 18.87 | 11.07 | 6.58  | 7.63  | 2.31     | 1.21   |
| Solyc11g0 | 0     | 0     | 0     | 8.51  | 9.43  | 9.29  | 0.00     | -16.47 |
| Solyc04g0 | 1.22  | 1.80  | 1.80  | 0.29  | 0.16  | 0.20  | 7.43     | 2.89   |
| Solyc05g0 | 2.20  | 2.06  | 1.90  | 0     | 0     | 0     | 20549.37 | 14.33  |
| Solyc11g0 | 1.78  | 1.83  | 1.75  | 0     | 0     | 0     | 17863.20 | 14.12  |
| Solyc06g0 | 2.20  | 2.59  | 2.77  | 7.54  | 7.69  | 7.20  | 0.34     | -1.57  |
| Solyc01g0 | 2.46  | 2.32  | 2.71  | 0.24  | 0.17  | 0.28  | 10.73    | 3.42   |
| Solyc10g0 | 1.63  | 1.82  | 1.82  | 3.59  | 4.18  | 4.48  | 0.43     | -1.22  |
| Solyc03g0 | 57.11 | 51.28 | 52.00 | 20.72 | 12.01 | 8.20  | 3.92     | 1.97   |
| Solyc08g0 | 2.76  | 3.41  | 3.28  | 6.44  | 8.12  | 7.30  | 0.43     | -1.21  |
| Solyc03g1 | 3.07  | 4.03  | 4.16  | 7.97  | 9.51  | 8.55  | 0.43     | -1.21  |
| Solyc09g0 | 0     | 0     | 0     | 9.56  | 8.14  | 10.53 | 0.00     | -16.52 |
| Solyc08g0 | 5.65  | 5.38  | 5.74  | 11.47 | 10.72 | 12.18 | 0.49     | -1.03  |
| Solyc02g0 | 5.22  | 3.74  | 3.66  | 1.37  | 1.15  | 1.60  | 3.06     | 1.62   |
| Solyc01g0 | 7.58  | 7.82  | 7.67  | 15.57 | 17.26 | 14.71 | 0.49     | -1.04  |
| Solyc05g0 | 10.99 | 11.94 | 11.52 | 24.65 | 20.28 | 27.86 | 0.47     | -1.08  |
| Solyc09g0 | 13.95 | 14.56 | 16.78 | 6.02  | 5.77  | 5.57  | 2.61     | 1.38   |
| Solyc01g0 | 2.24  | 1.96  | 2.03  | 0.88  | 0.57  | 0.61  | 3.02     | 1.60   |
| Solyc10g0 | 4.51  | 3.43  | 3.67  | 1.57  | 1.62  | 1.73  | 2.36     | 1.24   |
| Solyc07g0 | 3.91  | 4.72  | 5.19  | 0.22  | 0     | 0     | 61.65    | 5.95   |
| Solyc01g0 | 25.99 | 22.98 | 25.42 | 12.93 | 8.99  | 9.47  | 2.37     | 1.24   |
| Solyc08g0 | 10.58 | 10.09 | 9.50  | 25.51 | 23.20 | 19.99 | 0.44     | -1.19  |
| Solyc06g0 | 1.19  | 1.67  | 2.03  | 0     | 0     | 0     | 16269.40 | 13.99  |
| Solyc02g0 | 1.86  | 1.52  | 2.17  | 5.27  | 6.08  | 5.04  | 0.34     | -1.56  |
| Solyc02g0 | 1.84  | 1.86  | 2.04  | 0.17  | 0     | 0.12  | 20.11    | 4.33   |
| Solyc05g0 | 22.76 | 20.56 | 20.37 | 50.63 | 46.91 | 49.08 | 0.43     | -1.20  |

|           |        |        |        |       |       |       |          |       |
|-----------|--------|--------|--------|-------|-------|-------|----------|-------|
| Solyc01g1 | 1.61   | 1.40   | 1.56   | 0.39  | 0.42  | 0.52  | 3.44     | 1.78  |
| ENSRNA(   | 30.85  | 23.09  | 31.46  | 13.62 | 8.68  | 12.52 | 2.45     | 1.29  |
| Solyc02g0 | 5.18   | 5.26   | 4.59   | 2.38  | 1.53  | 2.05  | 2.52     | 1.33  |
| Solyc01g0 | 2.84   | 3.32   | 3.03   | 1.22  | 1.36  | 1.65  | 2.17     | 1.11  |
| Solyc05g0 | 2.64   | 3.21   | 2.83   | 1.03  | 1.56  | 1.38  | 2.18     | 1.12  |
| Solyc05g0 | 0.46   | 0.41   | 0.35   | 1.96  | 1.63  | 1.86  | 0.22     | -2.15 |
| Solyc03g1 | 0      | 0.00   | 0.10   | 23.02 | 22.84 | 17.93 | 0.00     | -9.23 |
| Solyc08g0 | 1.72   | 1.37   | 1.60   | 0.55  | 0.47  | 0.40  | 3.31     | 1.73  |
| Solyc11g0 | 2.54   | 2.25   | 2.99   | 0.67  | 0.56  | 0.97  | 3.53     | 1.82  |
| Solyc02g0 | 7.83   | 6.70   | 7.88   | 3.48  | 3.42  | 3.88  | 2.08     | 1.06  |
| Solyc09g0 | 1.13   | 0.71   | 0.55   | 3.99  | 4.94  | 4.64  | 0.18     | -2.50 |
| Solyc09g0 | 0      | 0.30   | 0.11   | 5.18  | 4.05  | 3.66  | 0.03     | -4.98 |
| Solyc02g0 | 0.82   | 0.87   | 0.83   | 2.23  | 2.43  | 2.53  | 0.35     | -1.51 |
| Solyc06g0 | 1.34   | 1.13   | 1.11   | 4.87  | 10.64 | 9.54  | 0.14     | -2.80 |
| Solyc02g0 | 0.81   | 0.76   | 0.63   | 2.38  | 2.07  | 3.45  | 0.28     | -1.84 |
| Solyc01g0 | 1.85   | 1.97   | 1.91   | 4.51  | 4.89  | 4.33  | 0.42     | -1.26 |
| Solyc08g0 | 1.67   | 1.38   | 1.87   | 0.54  | 0.40  | 0.36  | 3.77     | 1.91  |
| Solyc02g0 | 3.72   | 3.27   | 2.97   | 1.16  | 1.50  | 1.26  | 2.54     | 1.34  |
| Solyc01g1 | 3.15   | 3.70   | 3.95   | 8.86  | 9.69  | 10.11 | 0.38     | -1.41 |
| Solyc12g0 | 5.49   | 4.71   | 5.69   | 2.66  | 2.23  | 2.74  | 2.08     | 1.06  |
| Solyc01g0 | 4.87   | 4.20   | 4.23   | 0     | 0     | 0     | 44322.86 | 15.44 |
| Solyc09g0 | 0.13   | 0.28   | 0.16   | 2.89  | 4.60  | 4.38  | 0.05     | -4.37 |
| Solyc08g0 | 11.21  | 10.35  | 9.63   | 4.36  | 3.67  | 5.04  | 2.39     | 1.25  |
| Solyc03g1 | 8.84   | 11.88  | 14.72  | 3.45  | 1.93  | 1.14  | 5.44     | 2.44  |
| Solyc06g0 | 9.95   | 10.33  | 9.52   | 5.60  | 4.07  | 3.29  | 2.30     | 1.20  |
| Solyc03g0 | 2.31   | 2.35   | 2.55   | 0     | 0     | 0     | 24042.82 | 14.55 |
| Solyc05g0 | 45.84  | 48.10  | 49.05  | 26.67 | 18.28 | 16.05 | 2.34     | 1.23  |
| Solyc08g0 | 1.34   | 1.05   | 1.32   | 0.40  | 0.38  | 0.34  | 3.33     | 1.74  |
| Solyc03g0 | 5.76   | 5.01   | 4.25   | 29.63 | 19.83 | 16.68 | 0.23     | -2.14 |
| Solyc09g0 | 3.45   | 2.89   | 2.59   | 6.59  | 7.35  | 6.48  | 0.44     | -1.19 |
| Solyc10g0 | 3.51   | 3.59   | 3.79   | 1.66  | 1.86  | 1.36  | 2.23     | 1.16  |
| Solyc10g0 | 399.66 | 361.89 | 381.97 | 95.52 | 47.71 | 51.10 | 5.88     | 2.56  |
| Solyc09g0 | 1.23   | 1.08   | 1.33   | 0.43  | 0.47  | 0.44  | 2.71     | 1.44  |
| Solyc12g0 | 0.26   | 0.39   | 0.30   | 1.69  | 1.86  | 1.87  | 0.17     | -2.52 |
| Solyc02g0 | 34.96  | 32.07  | 31.27  | 17.98 | 15.19 | 12.42 | 2.16     | 1.11  |
| Solyc12g0 | 4.99   | 5.65   | 5.03   | 1.19  | 2.45  | 1.80  | 2.88     | 1.52  |
| Solyc07g0 | 5.91   | 5.20   | 4.33   | 1.45  | 1.26  | 1.39  | 3.77     | 1.91  |
| Solyc07g0 | 0.46   | 0.54   | 0.43   | 0     | 0     | 0     | 4759.57  | 12.22 |
| Solyc05g0 | 10.20  | 11.62  | 11.31  | 6.13  | 5.30  | 4.61  | 2.07     | 1.05  |
| Solyc06g0 | 60.10  | 53.49  | 55.96  | 32.07 | 18.35 | 18.03 | 2.48     | 1.31  |
| Solyc06g0 | 0.17   | 0.19   | 0.08   | 1.10  | 0.86  | 1.03  | 0.15     | -2.75 |
| Solyc03g0 | 1.22   | 1.15   | 1.25   | 0.21  | 0.40  | 0.14  | 4.81     | 2.26  |
| Solyc01g0 | 1.38   | 1.44   | 1.61   | 0.38  | 0.44  | 0.39  | 3.70     | 1.89  |
| Solyc06g0 | 3.05   | 3.13   | 2.67   | 0     | 0     | 0     | 29487.63 | 14.85 |
| Solyc05g0 | 2.14   | 2.64   | 2.86   | 0.50  | 0.87  | 0.57  | 3.96     | 1.99  |
| Solyc07g0 | 8.87   | 9.37   | 6.45   | 2.63  | 1.10  | 0.97  | 5.25     | 2.39  |
| Solyc01g1 | 4.71   | 3.48   | 5.24   | 0     | 0     | 0     | 44789.38 | 15.45 |
| Solyc01g0 | 15.54  | 11.21  | 11.59  | 37.08 | 36.58 | 30.20 | 0.37     | -1.44 |
| Solyc03g0 | 0.43   | 0.39   | 0.56   | 2.00  | 2.19  | 1.95  | 0.22     | -2.16 |
| Solyc09g0 | 1.63   | 1.65   | 1.69   | 4.23  | 4.93  | 4.50  | 0.36     | -1.46 |
| Solyc07g0 | 3.18   | 2.32   | 2.49   | 7.41  | 6.84  | 7.21  | 0.37     | -1.43 |

|           |        |        |        |        |       |       |          |       |
|-----------|--------|--------|--------|--------|-------|-------|----------|-------|
| Solyc03g1 | 2.71   | 2.36   | 2.14   | 0.74   | 0.69  | 0.43  | 3.89     | 1.96  |
| Solyc11g0 | 13.32  | 12.90  | 11.88  | 5.19   | 3.60  | 3.75  | 3.04     | 1.60  |
| Solyc02g0 | 1.89   | 2.08   | 1.78   | 0.88   | 0.59  | 0.46  | 2.97     | 1.57  |
| Solyc03g1 | 5.23   | 4.79   | 4.41   | 2.74   | 2.34  | 2.01  | 2.04     | 1.03  |
| Solyc02g0 | 0.54   | 0.73   | 0.53   | 2.09   | 1.44  | 2.62  | 0.29     | -1.77 |
| Solyc09g0 | 6.02   | 5.61   | 5.32   | 2.95   | 3.09  | 2.13  | 2.07     | 1.05  |
| Solyc04g0 | 0.49   | 0.58   | 0.71   | 1.63   | 2.54  | 2.19  | 0.28     | -1.84 |
| Solyc05g0 | 2.04   | 2.26   | 2.09   | 0.65   | 0.62  | 0.38  | 3.86     | 1.95  |
| Solyc01g0 | 1.24   | 1.29   | 1.21   | 4.34   | 3.71  | 4.32  | 0.30     | -1.72 |
| Solyc05g0 | 3.97   | 3.24   | 4.56   | 1.47   | 1.13  | 0.95  | 3.31     | 1.73  |
| Solyc12g0 | 4.58   | 3.93   | 3.87   | 8.33   | 10.47 | 8.69  | 0.45     | -1.15 |
| Solyc11g0 | 10.89  | 10.48  | 10.23  | 5.69   | 4.07  | 5.51  | 2.07     | 1.05  |
| Solyc11g0 | 0.74   | 0.61   | 0.85   | 0.12   | 0.06  | 0.16  | 6.63     | 2.73  |
| Solyc04g0 | 0.60   | 0.52   | 0.49   | 1.41   | 1.44  | 1.53  | 0.37     | -1.44 |
| Solyc09g0 | 0.31   | 0.34   | 0.40   | 2.69   | 3.37  | 2.37  | 0.12     | -3.00 |
| Solyc09g0 | 0.32   | 0.83   | 0.37   | 4.28   | 4.04  | 4.57  | 0.12     | -3.08 |
| Solyc02g0 | 25.14  | 26.76  | 25.98  | 15.45  | 8.45  | 10.16 | 2.29     | 1.19  |
| Solyc05g0 | 3.27   | 4.65   | 4.43   | 1.34   | 1.03  | 0.57  | 4.20     | 2.07  |
| Solyc01g0 | 2.08   | 2.19   | 1.98   | 4.43   | 5.07  | 4.76  | 0.44     | -1.19 |
| Solyc06g0 | 1.27   | 1.54   | 0.96   | 5.65   | 5.47  | 6.32  | 0.22     | -2.21 |
| Solyc02g0 | 5.98   | 6.12   | 5.66   | 3.08   | 2.09  | 1.77  | 2.56     | 1.36  |
| Solyc06g0 | 1.89   | 2.74   | 1.95   | 0.61   | 0.56  | 0.30  | 4.45     | 2.15  |
| Solyc11g0 | 1.01   | 1.00   | 1.15   | 0.23   | 0.14  | 0.08  | 7.03     | 2.81  |
| Solyc11g0 | 0.13   | 0.11   | 0.11   | 0.32   | 0.35  | 0.42  | 0.32     | -1.67 |
| Solyc05g0 | 0.85   | 1.46   | 1.19   | 0      | 0     | 0     | 11629.84 | 13.51 |
| Solyc08g0 | 0      | 0.05   | 0      | 7.40   | 6.98  | 6.88  | 0.00     | -8.88 |
| Solyc01g1 | 4.26   | 4.60   | 4.55   | 10.35  | 7.74  | 10.27 | 0.47     | -1.08 |
| Solyc02g0 | 1.23   | 1.61   | 1.32   | 2.92   | 2.84  | 3.06  | 0.47     | -1.08 |
| Solyc02g0 | 4.83   | 4.10   | 4.32   | 10.68  | 10.35 | 9.69  | 0.43     | -1.21 |
| Solyc03g0 | 0.49   | 0.55   | 0.50   | 1.08   | 1.25  | 1.18  | 0.44     | -1.19 |
| Solyc01g1 | 2.53   | 2.18   | 2.41   | 0.85   | 1.07  | 1.14  | 2.32     | 1.21  |
| Solyc01g0 | 6.66   | 6.35   | 5.71   | 1.62   | 1.18  | 0.77  | 5.24     | 2.39  |
| Solyc07g0 | 306.87 | 292.46 | 308.85 | 131.16 | 83.89 | 82.68 | 3.05     | 1.61  |
| Solyc09g0 | 2.45   | 1.59   | 2.39   | 0.09   | 0     | 0     | 68.63    | 6.10  |
| Solyc06g0 | 0.74   | 0.74   | 0.90   | 0.23   | 0.21  | 0.25  | 3.42     | 1.77  |
| Solyc02g0 | 2.95   | 3.29   | 3.21   | 1.08   | 0.46  | 0.42  | 4.84     | 2.28  |
| Solyc12g0 | 5.30   | 5.26   | 4.68   | 1.93   | 2.73  | 1.74  | 2.38     | 1.25  |
| Solyc09g0 | 4.55   | 4.44   | 3.70   | 7.93   | 10.21 | 8.51  | 0.48     | -1.07 |
| Solyc05g0 | 1.61   | 1.32   | 1.72   | 0.68   | 0.60  | 0.57  | 2.50     | 1.32  |
| Solyc10g0 | 1.51   | 2.10   | 0.99   | 11.90  | 8.99  | 8.14  | 0.16     | -2.66 |
| Solyc05g0 | 0.87   | 1.08   | 1.09   | 2.30   | 3.19  | 3.36  | 0.34     | -1.54 |
| Solyc01g0 | 0.53   | 0.45   | 0.67   | 0.13   | 0.09  | 0.10  | 5.13     | 2.36  |
| Solyc07g0 | 1.44   | 1.87   | 1.61   | 0.57   | 0.58  | 0.70  | 2.66     | 1.41  |
| Solyc01g1 | 0.43   | 0.37   | 0.22   | 0.04   | 0.01  | 0.02  | 14.96    | 3.90  |
| Solyc02g0 | 1.06   | 1.12   | 0.98   | 4.05   | 4.08  | 3.66  | 0.27     | -1.90 |
| Solyc03g0 | 9.33   | 11.50  | 8.96   | 4.12   | 1.84  | 2.45  | 3.54     | 1.82  |
| Solyc04g0 | 2.43   | 1.85   | 1.55   | 5.53   | 7.46  | 6.74  | 0.30     | -1.76 |
| Solyc01g1 | 1.18   | 1.26   | 1.35   | 0.40   | 0.48  | 0.39  | 2.98     | 1.58  |
| Solyc04g0 | 4.93   | 4.29   | 4.73   | 1.76   | 0.63  | 0.68  | 4.53     | 2.18  |
| Solyc01g0 | 2.00   | 2.31   | 2.36   | 4.31   | 4.33  | 5.01  | 0.49     | -1.03 |
| Solyc02g0 | 24.03  | 22.90  | 22.31  | 13.14  | 7.77  | 7.28  | 2.46     | 1.30  |

|           |        |        |        |        |        |        |          |       |
|-----------|--------|--------|--------|--------|--------|--------|----------|-------|
| Solyc05g0 | 5.15   | 5.27   | 6.99   | 1.07   | 0.37   | 1.08   | 6.89     | 2.79  |
| Solyc06g0 | 2.31   | 2.16   | 2.09   | 0.47   | 0.86   | 0.52   | 3.53     | 1.82  |
| Solyc06g0 | 3.09   | 2.93   | 3.18   | 1.54   | 1.04   | 1.36   | 2.33     | 1.22  |
| Solyc09g0 | 1.92   | 2.69   | 2.08   | 0.75   | 0.59   | 0.64   | 3.37     | 1.75  |
| Solyc07g0 | 15.03  | 13.71  | 12.99  | 7.96   | 6.69   | 4.72   | 2.15     | 1.11  |
| Solyc07g0 | 2.69   | 1.85   | 2.35   | 0.60   | 0.51   | 0.45   | 4.41     | 2.14  |
| Solyc12g0 | 0.98   | 0.53   | 0.62   | 0      | 0      | 0      | 7107.62  | 12.80 |
| ENSRNA(   | 18.28  | 13.98  | 17.03  | 8.77   | 5.61   | 7.06   | 2.30     | 1.20  |
| Solyc04g0 | 6.72   | 7.16   | 6.94   | 2.74   | 2.28   | 1.36   | 3.26     | 1.71  |
| Solyc01g0 | 1.22   | 1.36   | 1.57   | 0.50   | 0.64   | 0.60   | 2.38     | 1.25  |
| Solyc09g0 | 5.46   | 4.69   | 3.65   | 1.32   | 1.34   | 1.65   | 3.19     | 1.68  |
| Solyc11g0 | 0.08   | 0.17   | 0.31   | 3.50   | 1.69   | 2.76   | 0.07     | -3.83 |
| Solyc11g0 | 1.21   | 1.20   | 1.51   | 0.06   | 0.15   | 0      | 18.46    | 4.21  |
| Solyc01g0 | 2.78   | 2.93   | 1.64   | 0.54   | 0.52   | 0.38   | 5.13     | 2.36  |
| Solyc11g0 | 0.77   | 0.78   | 0.90   | 0.25   | 0.23   | 0.27   | 3.29     | 1.72  |
| Solyc04g0 | 0.33   | 0.29   | 0.41   | 1.73   | 1.86   | 1.38   | 0.21     | -2.27 |
| Solyc05g0 | 0.34   | 0.28   | 0.40   | 0.09   | 0.13   | 0.11   | 3.13     | 1.65  |
| Solyc07g0 | 2.90   | 3.23   | 3.11   | 6.13   | 8.17   | 7.80   | 0.42     | -1.26 |
| Solyc04g0 | 1.32   | 1.69   | 1.66   | 3.91   | 3.38   | 3.65   | 0.43     | -1.23 |
| Solyc07g0 | 1.59   | 1.78   | 1.88   | 4.05   | 4.30   | 4.69   | 0.40     | -1.31 |
| Solyc06g0 | 2.71   | 3.07   | 3.02   | 1.27   | 0.73   | 0.71   | 3.25     | 1.70  |
| Solyc05g0 | 2.46   | 2.49   | 1.88   | 4.46   | 5.52   | 5.54   | 0.44     | -1.19 |
| Solyc02g0 | 2.51   | 1.76   | 2.47   | 5.00   | 6.58   | 6.05   | 0.38     | -1.39 |
| Solyc08g0 | 4.21   | 4.12   | 4.31   | 8.77   | 9.16   | 8.15   | 0.48     | -1.05 |
| Solyc06g0 | 0.65   | 0.58   | 0.88   | 0      | 0      | 0      | 7023.58  | 12.78 |
| Solyc09g0 | 1.83   | 2.07   | 2.51   | 4.37   | 4.53   | 4.61   | 0.47     | -1.07 |
| Solyc01g0 | 1.53   | 1.11   | 1.03   | 0.29   | 0.08   | 0.18   | 6.67     | 2.74  |
| Solyc12g0 | 1.38   | 1.28   | 1.45   | 0      | 0      | 0      | 13681.82 | 13.74 |
| Solyc01g0 | 0.07   | 0.11   | 0      | 0.96   | 1.03   | 0.83   | 0.06     | -3.97 |
| Solyc05g0 | 1.79   | 1.45   | 2.11   | 3.93   | 4.35   | 4.20   | 0.43     | -1.22 |
| Solyc10g0 | 1.15   | 0.97   | 0.96   | 0.07   | 0      | 0      | 43.00    | 5.43  |
| Solyc01g1 | 6.86   | 6.19   | 5.18   | 1.89   | 1.53   | 1.40   | 3.78     | 1.92  |
| Solyc09g0 | 4.08   | 3.97   | 3.93   | 8.47   | 8.94   | 7.41   | 0.48     | -1.05 |
| Solyc01g1 | 9.19   | 7.80   | 7.54   | 18.07  | 16.63  | 19.53  | 0.45     | -1.14 |
| Solyc03g1 | 1.46   | 1.46   | 1.59   | 2.86   | 3.16   | 3.11   | 0.49     | -1.02 |
| Solyc03g1 | 3.35   | 3.55   | 2.82   | 0.84   | 0.78   | 1.14   | 3.52     | 1.82  |
| Solyc02g0 | 0.33   | 0.58   | 0.35   | 1.09   | 1.38   | 1.46   | 0.32     | -1.64 |
| Solyc02g0 | 2.09   | 1.64   | 1.70   | 0.74   | 0.50   | 0.56   | 3.02     | 1.60  |
| Solyc07g0 | 3.02   | 3.33   | 3.63   | 1.28   | 1.62   | 1.89   | 2.09     | 1.06  |
| Solyc02g0 | 2.59   | 2.77   | 2.45   | 1.19   | 1.16   | 1.06   | 2.28     | 1.19  |
| Solyc01g1 | 21.35  | 23.78  | 22.48  | 2.79   | 1.11   | 0.65   | 14.86    | 3.89  |
| Solyc02g0 | 424.10 | 387.21 | 396.08 | 205.36 | 141.27 | 135.48 | 2.50     | 1.32  |
| ENSRNA(   | 11.35  | 10.58  | 13.54  | 5.17   | 4.16   | 4.95   | 2.48     | 1.31  |
| Solyc10g0 | 2.50   | 2.41   | 2.27   | 1.05   | 0.96   | 1.15   | 2.27     | 1.19  |
| Solyc04g0 | 0.65   | 1.13   | 1.51   | 5.15   | 6.77   | 6.04   | 0.18     | -2.45 |
| Solyc03g1 | 0.81   | 0.85   | 0.83   | 1.97   | 2.15   | 2.21   | 0.39     | -1.35 |
| Solyc05g0 | 4.02   | 3.03   | 3.53   | 1.15   | 0.35   | 0.77   | 4.68     | 2.23  |
| Solyc12g0 | 13.78  | 13.59  | 14.36  | 36.21  | 35.54  | 33.59  | 0.40     | -1.34 |
| Solyc05g0 | 3.99   | 3.43   | 3.02   | 7.82   | 8.96   | 7.89   | 0.42     | -1.24 |
| Solyc10g0 | 1.78   | 2.35   | 2.46   | 0.68   | 0.29   | 0.45   | 4.66     | 2.22  |
| Solyc05g0 | 4.66   | 3.43   | 4.87   | 1.30   | 1.04   | 1.71   | 3.20     | 1.68  |

|           |        |        |        |        |        |        |          |        |
|-----------|--------|--------|--------|--------|--------|--------|----------|--------|
| Solyc12g0 | 2.53   | 2.02   | 1.93   | 0.79   | 0.51   | 0.31   | 4.01     | 2.00   |
| Solyc03g0 | 1.12   | 0.77   | 1.00   | 0.11   | 0      | 0.08   | 15.63    | 3.97   |
| Solyc09g0 | 0.42   | 0.70   | 0.34   | 3.00   | 2.18   | 2.11   | 0.20     | -2.33  |
| Solyc01g0 | 2.66   | 2.49   | 2.61   | 1.03   | 0.52   | 0.90   | 3.17     | 1.66   |
| Solyc10g0 | 15.24  | 16.78  | 20.15  | 9.80   | 5.63   | 8.51   | 2.18     | 1.12   |
| Solyc10g0 | 0.57   | 0.51   | 0.46   | 0.04   | 0      | 0      | 40.50    | 5.34   |
| Solyc03g0 | 1.63   | 1.84   | 1.95   | 0.32   | 0.55   | 0.43   | 4.15     | 2.05   |
| Solyc07g0 | 2.45   | 2.17   | 1.83   | 1.04   | 0.61   | 0.81   | 2.62     | 1.39   |
| Solyc07g0 | 18.99  | 18.43  | 18.73  | 11.72  | 9.44   | 6.90   | 2.00     | 1.00   |
| Solyc06g0 | 5.40   | 4.95   | 5.56   | 2.09   | 1.83   | 1.55   | 2.91     | 1.54   |
| Solyc04g0 | 0.41   | 0.44   | 0.48   | 1.31   | 1.89   | 1.90   | 0.26     | -1.94  |
| Solyc06g0 | 0.22   | 0.23   | 0.30   | 0      | 0      | 0      | 2513.21  | 11.30  |
| Solyc10g0 | 1.47   | 1.36   | 1.86   | 0      | 0      | 0      | 15621.48 | 13.93  |
| Solyc10g0 | 2.68   | 2.74   | 2.80   | 0.91   | 1.31   | 1.19   | 2.41     | 1.27   |
| Solyc12g0 | 1.49   | 1.57   | 1.95   | 0.54   | 0.38   | 0.50   | 3.54     | 1.82   |
| Solyc01g0 | 20.95  | 23.15  | 22.13  | 12.73  | 7.23   | 8.80   | 2.30     | 1.20   |
| Solyc02g0 | 0.82   | 0.97   | 0.85   | 0      | 0.04   | 0      | 64.34    | 6.01   |
| Solyc09g0 | 1.60   | 1.25   | 1.18   | 3.49   | 3.91   | 4.02   | 0.35     | -1.51  |
| Solyc06g0 | 2.10   | 1.33   | 1.81   | 0.70   | 0.55   | 0.43   | 3.13     | 1.64   |
| Solyc11g0 | 390.74 | 375.96 | 387.76 | 219.36 | 154.38 | 151.23 | 2.20     | 1.14   |
| Solyc03g0 | 1.31   | 1.19   | 0.97   | 0.15   | 0.18   | 0.23   | 6.17     | 2.63   |
| Solyc08g0 | 0.38   | 0.61   | 0.39   | 0      | 0      | 0      | 4598.17  | 12.17  |
| Solyc09g0 | 3.07   | 3.32   | 3.46   | 13.42  | 9.30   | 7.58   | 0.32     | -1.62  |
| Solyc01g1 | 0      | 0      | 0      | 54.96  | 0      | 0      | 0.00     | -17.48 |
| Solyc09g0 | 11.21  | 7.52   | 8.30   | 3.36   | 2.34   | 3.31   | 3.00     | 1.59   |
| Solyc11g0 | 0.94   | 0.94   | 0.93   | 0      | 0      | 0      | 9351.68  | 13.19  |
| Solyc05g0 | 0.72   | 0.50   | 0.48   | 1.67   | 1.54   | 1.68   | 0.35     | -1.52  |
| Solyc03g1 | 1.67   | 1.87   | 1.59   | 4.46   | 4.15   | 3.66   | 0.42     | -1.26  |
| Solyc01g0 | 1.82   | 1.73   | 1.99   | 0.67   | 0.88   | 0.62   | 2.56     | 1.36   |
| Solyc03g0 | 2.60   | 2.18   | 3.25   | 1.06   | 0.45   | 0.59   | 3.84     | 1.94   |
| Solyc01g0 | 1.57   | 1.56   | 1.87   | 0.58   | 0.84   | 0.74   | 2.33     | 1.22   |
| Solyc01g0 | 1.09   | 1.04   | 0.92   | 2.76   | 3.37   | 3.46   | 0.32     | -1.65  |
| Solyc10g0 | 1.12   | 1.31   | 0.93   | 0.16   | 0.01   | 0.02   | 17.76    | 4.15   |
| Solyc04g0 | 0      | 0      | 0      | 0.41   | 0.40   | 0.39   | 0.00     | -11.98 |
| Solyc11g0 | 2.50   | 2.55   | 2.44   | 0.66   | 0.19   | 0.39   | 5.99     | 2.58   |
| Solyc02g0 | 6.57   | 4.14   | 5.89   | 2.40   | 1.22   | 1.15   | 3.48     | 1.80   |
| Solyc03g0 | 0.46   | 0.45   | 0.83   | 0.09   | 0.07   | 0.09   | 7.07     | 2.82   |
| Solyc02g0 | 2.26   | 2.96   | 2.87   | 11.36  | 11.08  | 13.48  | 0.22     | -2.15  |
| Solyc03g0 | 1.90   | 1.74   | 1.86   | 3.95   | 4.26   | 3.96   | 0.45     | -1.14  |
| Solyc02g0 | 2.12   | 2.22   | 2.31   | 4.18   | 5.03   | 4.24   | 0.49     | -1.02  |
| Solyc09g0 | 18.10  | 15.17  | 19.11  | 7.60   | 6.61   | 4.11   | 2.86     | 1.52   |
| Solyc04g0 | 0      | 0      | 0      | 1.06   | 1.61   | 1.95   | 0.00     | -13.91 |
| Solyc06g0 | 2.40   | 3.03   | 3.08   | 0.39   | 1.03   | 0.47   | 4.50     | 2.17   |
| Solyc02g0 | 318.17 | 283.72 | 286.32 | 146.90 | 92.68  | 97.74  | 2.63     | 1.40   |
| Solyc09g0 | 5.09   | 4.64   | 5.58   | 8.73   | 11.25  | 11.00  | 0.49     | -1.02  |
| Solyc12g0 | 2.15   | 2.14   | 2.09   | 1.13   | 0.90   | 0.69   | 2.35     | 1.23   |
| Solyc02g0 | 0.35   | 0.38   | 0.37   | 1.11   | 1.31   | 1.66   | 0.27     | -1.89  |
| Solyc01g1 | 2.42   | 3.22   | 2.91   | 5.87   | 6.58   | 6.55   | 0.45     | -1.15  |
| Solyc03g1 | 0.43   | 0.41   | 0.49   | 0      | 0      | 0      | 4459.91  | 12.12  |
| Solyc09g0 | 5.68   | 5.50   | 5.31   | 1.54   | 1.59   | 1.64   | 3.45     | 1.79   |
| Solyc03g1 | 1.12   | 1.10   | 1.18   | 2.41   | 2.32   | 2.23   | 0.49     | -1.04  |

|           |        |        |        |       |       |       |           |        |
|-----------|--------|--------|--------|-------|-------|-------|-----------|--------|
| Solyc03g0 | 0      | 0      | 88.91  | 0     | 0     | 0     | 296363.47 | 18.18  |
| Solyc01g0 | 0.56   | 0.58   | 0.69   | 1.35  | 1.24  | 2.06  | 0.39      | -1.35  |
| Solyc09g0 | 2.50   | 2.60   | 2.57   | 0.83  | 0.65  | 0.33  | 4.23      | 2.08   |
| Solyc03g0 | 2.57   | 3.53   | 2.96   | 0     | 0     | 0     | 30231.28  | 14.88  |
| Solyc07g0 | 3.78   | 4.41   | 4.29   | 1.62  | 1.10  | 1.16  | 3.21      | 1.68   |
| Solyc10g0 | 0.17   | 0      | 0.07   | 2.90  | 2.80  | 3.21  | 0.03      | -5.19  |
| Solyc10g0 | 2.74   | 2.68   | 2.26   | 1.30  | 1.48  | 1.03  | 2.02      | 1.01   |
| Solyc02g0 | 2.52   | 2.25   | 2.22   | 14.65 | 7.28  | 8.13  | 0.23      | -2.10  |
| Solyc02g0 | 2.46   | 2.44   | 2.25   | 6.15  | 5.00  | 5.76  | 0.42      | -1.24  |
| Solyc04g0 | 0.59   | 0.60   | 0.84   | 0     | 0     | 0     | 6800.94   | 12.73  |
| Solyc11g0 | 0      | 0      | 0      | 1.14  | 0.91  | 0.98  | 0.00      | -13.30 |
| Solyc06g0 | 8.14   | 5.76   | 6.90   | 17.22 | 17.04 | 14.21 | 0.43      | -1.22  |
| Solyc02g0 | 1.80   | 2.29   | 4.43   | 20.01 | 14.27 | 13.73 | 0.18      | -2.49  |
| Solyc10g0 | 1.15   | 1.11   | 1.51   | 0.17  | 0.05  | 0     | 16.69     | 4.06   |
| Solyc11g0 | 0      | 0      | 0      | 7.10  | 5.54  | 5.64  | 0.00      | -15.90 |
| Solyc07g0 | 0.60   | 0.49   | 0.50   | 0     | 0.07  | 0.05  | 12.95     | 3.70   |
| Solyc02g0 | 3.86   | 4.72   | 5.26   | 2.01  | 2.68  | 2.05  | 2.05      | 1.04   |
| Solyc09g0 | 0.10   | 0      | 0      | 4.34  | 2.91  | 3.13  | 0.01      | -6.72  |
| Solyc04g0 | 1.81   | 2.03   | 1.78   | 0.75  | 0.89  | 0.75  | 2.36      | 1.24   |
| Solyc12g0 | 0.86   | 1.43   | 1.42   | 0     | 0     | 0     | 12341.84  | 13.59  |
| Solyc12g0 | 4.56   | 5.67   | 4.42   | 1.91  | 1.24  | 2.41  | 2.63      | 1.40   |
| Solyc10g0 | 0.61   | 0.75   | 0.54   | 0.09  | 0.04  | 0.04  | 11.34     | 3.50   |
| Solyc04g0 | 2.78   | 2.94   | 2.64   | 5.13  | 7.19  | 5.27  | 0.47      | -1.07  |
| Solyc11g0 | 2.47   | 2.76   | 2.61   | 1.17  | 0.97  | 1.31  | 2.27      | 1.18   |
| Solyc01g1 | 1.97   | 1.57   | 1.37   | 0     | 0     | 0     | 16398.44  | 14.00  |
| Solyc09g0 | 0      | 0      | 0      | 2.80  | 3.85  | 1.83  | 0.00      | -14.79 |
| Solyc01g0 | 0.32   | 0.39   | 0.34   | 0     | 0     | 0     | 3528.16   | 11.78  |
| Solyc01g0 | 0.52   | 0.60   | 0.66   | 0.12  | 0.24  | 0.19  | 3.26      | 1.71   |
| Solyc03g1 | 3.23   | 2.72   | 2.70   | 1.35  | 1.16  | 1.55  | 2.14      | 1.09   |
| Solyc10g0 | 3.79   | 3.22   | 3.19   | 1.82  | 1.45  | 1.49  | 2.14      | 1.10   |
| Solyc09g0 | 0.88   | 1.08   | 1.15   | 0.37  | 0.15  | 0.27  | 3.93      | 1.98   |
| Solyc05g0 | 0      | 0      | 0      | 0     | 16.10 | 0     | 0.00      | -15.71 |
| Solyc08g0 | 1.77   | 1.59   | 1.56   | 0.25  | 0     | 0.10  | 14.34     | 3.84   |
| Solyc01g0 | 0.77   | 0.99   | 0.86   | 1.84  | 1.79  | 1.77  | 0.49      | -1.04  |
| Solyc02g0 | 0      | 0      | 0      | 0.26  | 0.47  | 0.41  | 0.00      | -11.89 |
| Solyc11g0 | 1.55   | 1.37   | 1.49   | 0.61  | 0.58  | 0.43  | 2.73      | 1.45   |
| Solyc04g0 | 11.62  | 10.64  | 12.02  | 6.75  | 5.09  | 4.21  | 2.14      | 1.09   |
| Solyc01g0 | 4.62   | 4.08   | 3.77   | 2.04  | 2.47  | 1.66  | 2.02      | 1.02   |
| Solyc09g0 | 1.15   | 0.84   | 1.27   | 0     | 0     | 0     | 10879.94  | 13.41  |
| Solyc05g0 | 0      | 0      | 0      | 2.08  | 3.75  | 3.22  | 0.00      | -14.88 |
| Solyc06g0 | 0.24   | 0.18   | 0.20   | 1.48  | 1.69  | 1.22  | 0.14      | -2.82  |
| Solyc03g1 | 1.30   | 1.23   | 1.40   | 2.28  | 3.46  | 3.26  | 0.44      | -1.20  |
| Solyc02g0 | 1.93   | 2.35   | 2.19   | 0.79  | 0.70  | 0.41  | 3.42      | 1.77   |
| Solyc06g0 | 1.95   | 2.01   | 1.80   | 0.50  | 0.86  | 0.90  | 2.54      | 1.35   |
| Solyc05g0 | 2.17   | 1.87   | 1.08   | 0.27  | 0.35  | 0.12  | 6.90      | 2.79   |
| Solyc01g0 | 2.88   | 2.09   | 2.25   | 0.89  | 0.94  | 1.03  | 2.52      | 1.33   |
| ENSRNA(   | 138.06 | 106.36 | 144.30 | 66.30 | 44.56 | 60.28 | 2.27      | 1.18   |
| Solyc09g0 | 22.65  | 23.66  | 25.75  | 4.98  | 1.80  | 1.59  | 8.61      | 3.11   |
| Solyc11g0 | 0.29   | 0.71   | 0.52   | 0     | 0     | 0     | 5096.34   | 12.32  |
| Solyc02g0 | 2.44   | 2.25   | 2.31   | 5.42  | 4.02  | 6.03  | 0.45      | -1.15  |
| Solyc12g0 | 1.66   | 1.63   | 1.26   | 0.20  | 0     | 0.07  | 17.00     | 4.09   |

|           |        |        |        |       |       |       |          |        |
|-----------|--------|--------|--------|-------|-------|-------|----------|--------|
| Solyc06g0 | 2.58   | 2.23   | 2.43   | 0.99  | 1.11  | 1.06  | 2.29     | 1.20   |
| Solyc08g0 | 2.60   | 2.84   | 2.19   | 1.25  | 0.87  | 1.03  | 2.43     | 1.28   |
| Solyc02g0 | 5.10   | 4.97   | 5.51   | 1.56  | 0.25  | 1.08  | 5.40     | 2.43   |
| Solyc06g0 | 2.52   | 1.53   | 1.98   | 6.92  | 5.13  | 5.33  | 0.35     | -1.53  |
| Solyc10g0 | 0      | 0.03   | 0.04   | 0.74  | 0.62  | 0.58  | 0.04     | -4.70  |
| Solyc03g1 | 4.39   | 4.34   | 2.60   | 0.79  | 0.07  | 0.21  | 10.69    | 3.42   |
| Solyc11g0 | 1.03   | 1.44   | 1.29   | 0.31  | 0.13  | 0.31  | 5.04     | 2.33   |
| Solyc08g0 | 0      | 0      | 0      | 0.53  | 0.84  | 0.86  | 0.00     | -12.86 |
| Solyc10g0 | 256.92 | 238.64 | 252.69 | 63.89 | 24.73 | 24.33 | 6.62     | 2.73   |
| Solyc06g0 | 1.41   | 1.47   | 1.31   | 0.57  | 0.63  | 0.82  | 2.07     | 1.05   |
| Solyc10g0 | 0.54   | 0.75   | 0.33   | 0     | 0     | 0     | 5392.75  | 12.40  |
| Solyc03g1 | 0.43   | 0.59   | 0.59   | 1.34  | 1.64  | 1.89  | 0.33     | -1.59  |
| Solyc06g0 | 4.93   | 3.62   | 4.39   | 10.82 | 11.76 | 10.57 | 0.39     | -1.36  |
| Solyc10g0 | 5.68   | 5.59   | 6.63   | 1.63  | 1.84  | 1.68  | 3.48     | 1.80   |
| Solyc05g0 | 2.48   | 2.34   | 1.82   | 0.73  | 0.97  | 0.91  | 2.54     | 1.35   |
| Solyc03g1 | 3.05   | 2.80   | 3.25   | 1.82  | 1.14  | 1.51  | 2.04     | 1.03   |
| Solyc11g0 | 1.34   | 2.19   | 1.75   | 0.27  | 0     | 0.07  | 15.27    | 3.93   |
| Solyc02g0 | 0.34   | 0.41   | 0.51   | 0     | 0     | 0     | 4235.90  | 12.05  |
| Solyc08g0 | 1.17   | 1.28   | 1.46   | 3.27  | 3.47  | 3.16  | 0.39     | -1.34  |
| Solyc08g0 | 0.64   | 0.53   | 0.64   | 1.35  | 1.58  | 1.43  | 0.42     | -1.27  |
| Solyc01g0 | 28.92  | 0      | 0      | 0     | 0     | 0     | 96415.43 | 16.56  |
| Solyc11g0 | 2.38   | 2.76   | 2.85   | 5.98  | 5.65  | 5.82  | 0.46     | -1.13  |
| Solyc11g0 | 0.69   | 0.76   | 0.95   | 2.32  | 2.57  | 2.03  | 0.35     | -1.52  |
| Solyc10g0 | 2.11   | 1.68   | 1.36   | 0     | 0.11  | 0     | 47.10    | 5.56   |
| Solyc09g0 | 0      | 0.04   | 0.05   | 1.33  | 1.26  | 1.29  | 0.02     | -5.38  |
| Solyc08g0 | 0.35   | 0.44   | 0.35   | 0     | 0     | 0     | 3785.25  | 11.89  |
| Solyc11g0 | 3.25   | 2.54   | 3.07   | 5.49  | 7.10  | 6.75  | 0.46     | -1.12  |
| Solyc06g0 | 1.73   | 2.10   | 1.65   | 0.56  | 0.41  | 0.41  | 3.98     | 1.99   |
| Solyc01g0 | 1.21   | 0.97   | 0.86   | 0.34  | 0.31  | 0.35  | 3.07     | 1.62   |
| Solyc11g0 | 2.28   | 2.91   | 2.16   | 4.60  | 4.46  | 5.67  | 0.50     | -1.00  |
| Solyc10g0 | 0      | 0      | 0      | 1.07  | 1.01  | 1.13  | 0.00     | -13.39 |
| Solyc09g0 | 0.67   | 0.48   | 0.39   | 0.03  | 0     | 0     | 51.95    | 5.70   |
| Solyc03g0 | 1.63   | 1.86   | 1.89   | 3.27  | 3.88  | 3.74  | 0.49     | -1.02  |
| Solyc09g0 | 0.35   | 0.29   | 0.27   | 0     | 0     | 0     | 3042     | 11.57  |
| Solyc09g0 | 1.12   | 0.12   | 0.04   | 6.54  | 10.50 | 6.36  | 0.05     | -4.19  |
| Solyc09g0 | 0      | 0      | 0      | 1.18  | 1.23  | 1.61  | 0.00     | -13.71 |
| Solyc02g0 | 2.17   | 2.05   | 1.89   | 0.62  | 0.96  | 1.14  | 2.24     | 1.17   |
| Solyc08g0 | 0.34   | 0.48   | 0.39   | 0     | 0     | 0     | 4039.84  | 11.98  |
| Solyc03g0 | 2.83   | 3.36   | 3.15   | 1.75  | 1.31  | 1.48  | 2.06     | 1.04   |
| Solyc11g0 | 0      | 0      | 0      | 0.80  | 0.65  | 0.88  | 0.00     | -12.92 |
| Solyc10g0 | 5.48   | 4.71   | 5.23   | 2.41  | 2.02  | 2.91  | 2.10     | 1.07   |
| Solyc10g0 | 19.43  | 19.83  | 19.53  | 12.50 | 6.89  | 7.33  | 2.20     | 1.14   |
| Solyc01g1 | 0      | 0      | 0      | 0.33  | 0.23  | 0.27  | 0.00     | -11.43 |
| Solyc02g0 | 3.10   | 3.07   | 2.78   | 10.69 | 5.98  | 11.92 | 0.31     | -1.68  |
| Solyc11g0 | 0.59   | 0.67   | 0.62   | 1.44  | 2.54  | 1.82  | 0.32     | -1.63  |
| Solyc06g0 | 0      | 0      | 0      | 0     | 0     | 7.08  | 0.00     | -14.53 |
| Solyc10g0 | 0.29   | 0.16   | 0.14   | 0     | 0     | 0     | 1973.43  | 10.95  |
| Solyc01g0 | 0.66   | 0.86   | 0.73   | 0.14  | 0.08  | 0.12  | 6.50     | 2.70   |
| Solyc01g0 | 0      | 0      | 14.01  | 0     | 0     | 0     | 46703.99 | 15.51  |
| Solyc02g0 | 0      | 0      | 0      | 20.60 | 0     | 0     | 0.00     | -16.07 |
| Solyc03g1 | 7.01   | 7.88   | 7.34   | 4.12  | 2.69  | 2.48  | 2.39     | 1.26   |

|           |        |        |        |       |       |       |          |        |
|-----------|--------|--------|--------|-------|-------|-------|----------|--------|
| Solyc10g0 | 0      | 0      | 0      | 0     | 0     | 4.55  | 0.00     | -13.89 |
| Solyc09g0 | 15.74  | 16.48  | 16.38  | 3.38  | 0.92  | 1.38  | 8.56     | 3.10   |
| Solyc06g0 | 0      | 0      | 0      | 0.11  | 0.26  | 0.20  | 0.00     | -10.88 |
| Solyc03g0 | 1.66   | 1.64   | 1.68   | 0.62  | 0.76  | 0.72  | 2.38     | 1.25   |
| Solyc06g0 | 2.97   | 3.36   | 2.55   | 6.57  | 8.53  | 7.91  | 0.39     | -1.37  |
| Solyc11g0 | 0.64   | 0.58   | 0.87   | 0     | 0     | 0     | 6976.37  | 12.77  |
| Solyc11g0 | 3.38   | 2.89   | 4.00   | 1.89  | 0.83  | 1.29  | 2.57     | 1.36   |
| Solyc09g0 | 120.23 | 114.92 | 117.06 | 56.73 | 31.52 | 35.61 | 2.84     | 1.51   |
| Solyc08g0 | 2.17   | 1.88   | 2.04   | 4.07  | 5.79  | 4.68  | 0.42     | -1.25  |
| Solyc12g0 | 0      | 0      | 0      | 0.93  | 2.03  | 1.61  | 0.00     | -13.90 |
| Solyc09g0 | 2.33   | 1.89   | 2.29   | 1.21  | 0.84  | 0.99  | 2.14     | 1.10   |
| Solyc02g0 | 3.85   | 7.10   | 4.16   | 2.22  | 2.71  | 1.59  | 2.32     | 1.21   |
| Solyc05g0 | 2.05   | 1.25   | 1.57   | 0.38  | 0.17  | 0.16  | 6.84     | 2.77   |
| Solyc05g0 | 0      | 0      | 0      | 0     | 0     | 4.90  | 0.00     | -14.00 |
| Solyc03g0 | 1.83   | 2.36   | 2.10   | 0.96  | 1.21  | 0.90  | 2.05     | 1.04   |
| Solyc10g0 | 1.13   | 0.66   | 1.18   | 0     | 0     | 0.07  | 43.03    | 5.43   |
| Solyc11g0 | 0.57   | 0.19   | 0.38   | 0     | 0     | 0     | 3794.43  | 11.89  |
| Solyc01g1 | 1.42   | 1.51   | 1.05   | 0.34  | 0.37  | 0.29  | 4.02     | 2.01   |
| Solyc05g0 | 11.79  | 11.76  | 9.17   | 6.12  | 4.85  | 3.13  | 2.32     | 1.21   |
| ENSRNA(   | 125.49 | 94.73  | 137.08 | 61.85 | 41.23 | 52.61 | 2.30     | 1.20   |
| Solyc06g0 | 1.11   | 0.71   | 1.37   | 3.65  | 3.44  | 3.97  | 0.29     | -1.80  |
| Solyc04g0 | 2.95   | 3.26   | 2.45   | 7.25  | 7.12  | 6.64  | 0.41     | -1.28  |
| Solyc03g0 | 0.13   | 0.07   | 0      | 1.23  | 1.67  | 1.92  | 0.04     | -4.63  |
| Solyc02g0 | 0.49   | 0.62   | 0.45   | 1.63  | 1.26  | 1.55  | 0.35     | -1.51  |
| Solyc05g0 | 2.46   | 2.57   | 1.34   | 0     | 0     | 0     | 21240.81 | 14.37  |
| Solyc01g0 | 0.91   | 1.11   | 0.97   | 0.09  | 0     | 0     | 34.25    | 5.10   |
| Solyc08g0 | 1.85   | 1.49   | 1.80   | 0.56  | 0.21  | 0.38  | 4.49     | 2.17   |
| Solyc07g0 | 0      | 0      | 0      | 0     | 1.51  | 0     | 0.00     | -12.30 |
| Solyc09g0 | 2.50   | 2.12   | 2.54   | 0.63  | 0.43  | 0.39  | 4.92     | 2.30   |
| Solyc03g1 | 5.62   | 6.04   | 5.66   | 2.16  | 3.19  | 1.28  | 2.61     | 1.39   |
| Solyc03g0 | 0.91   | 0.40   | 0.35   | 0     | 0     | 0     | 5511.05  | 12.43  |
| Solyc08g0 | 0.58   | 0.50   | 0.38   | 0     | 0     | 0     | 4901.80  | 12.26  |
| Solyc02g0 | 0.95   | 0.85   | 0.69   | 1.99  | 1.69  | 2.19  | 0.43     | -1.23  |
| Solyc10g0 | 0.79   | 0.76   | 0.96   | 5.49  | 5.07  | 5.41  | 0.16     | -2.67  |
| Solyc05g0 | 0.86   | 1.27   | 0.60   | 0.09  | 0.08  | 0.16  | 8.29     | 3.05   |
| Solyc09g0 | 1.60   | 1.53   | 1.83   | 3.61  | 3.53  | 3.51  | 0.47     | -1.10  |
| Solyc02g0 | 6.11   | 4.44   | 4.63   | 10.39 | 12.62 | 14.36 | 0.41     | -1.30  |
| Solyc03g0 | 4.87   | 3.55   | 4.49   | 10.05 | 9.65  | 10.59 | 0.43     | -1.23  |
| Solyc09g0 | 0.04   | 0      | 0.06   | 0.90  | 0.93  | 1.13  | 0.03     | -4.88  |
| Solyc07g0 | 4.57   | 3.70   | 4.15   | 0.19  | 0     | 0.12  | 40.33    | 5.33   |
| Solyc08g0 | 0.62   | 0.37   | 0.33   | 2.08  | 2.43  | 2.85  | 0.18     | -2.47  |
| Solyc11g0 | 1.07   | 1.02   | 1.12   | 0.29  | 0.37  | 0.49  | 2.78     | 1.48   |
| Solyc12g0 | 0.87   | 0.78   | 0.69   | 0.23  | 0.33  | 0.20  | 3.10     | 1.63   |
| Solyc01g0 | 0.97   | 0.94   | 0.82   | 0.34  | 0.43  | 0.36  | 2.42     | 1.27   |
| Solyc10g0 | 15.31  | 12.88  | 13.95  | 3.75  | 5.34  | 2.14  | 3.75     | 1.91   |
| Solyc12g0 | 0      | 0      | 0      | 0.30  | 0.15  | 0.29  | 0.00     | -11.26 |
| Solyc12g0 | 0.81   | 0.78   | 0.90   | 0.29  | 0.42  | 0.42  | 2.20     | 1.14   |
| Solyc01g0 | 3.25   | 3.59   | 3.12   | 0     | 0.14  | 0.17  | 32.23    | 5.01   |
| Solyc02g0 | 0.23   | 0.29   | 0.19   | 0     | 0     | 0     | 2381.72  | 11.22  |
| Solyc04g0 | 5.14   | 4.44   | 4.65   | 2.37  | 2.40  | 2.06  | 2.09     | 1.06   |
| Solyc06g0 | 1.78   | 1.13   | 1.07   | 0.45  | 0.38  | 0.47  | 3.04     | 1.60   |

|           |        |        |        |        |        |        |         |        |
|-----------|--------|--------|--------|--------|--------|--------|---------|--------|
| Solyc03g0 | 0.36   | 0.36   | 0.33   | 0.05   | 0.11   | 0.12   | 3.84    | 1.94   |
| Solyc05g0 | 1.70   | 1.60   | 1.59   | 0.68   | 0.48   | 0.49   | 2.96    | 1.57   |
| Solyc03g1 | 0.92   | 0.80   | 0.76   | 1.78   | 1.81   | 1.64   | 0.48    | -1.07  |
| Solyc01g0 | 0.58   | 0.52   | 0.51   | 1.36   | 1.05   | 1.21   | 0.44    | -1.17  |
| Solyc04g0 | 2.85   | 2.86   | 2.10   | 1.12   | 1.10   | 1.11   | 2.35    | 1.23   |
| Solyc05g0 | 3.85   | 3.75   | 3.37   | 2.13   | 1.58   | 1.45   | 2.13    | 1.09   |
| Solyc02g0 | 1.06   | 1.58   | 1.57   | 0.61   | 0.31   | 0.32   | 3.41    | 1.77   |
| Solyc03g0 | 0      | 0      | 0      | 0.23   | 0.31   | 0.49   | 0.00    | -11.75 |
| Solyc12g0 | 0      | 0      | 0      | 1.45   | 1.23   | 1.05   | 0.00    | -13.60 |
| Solyc07g0 | 2.17   | 1.73   | 1.73   | 7.05   | 5.85   | 4.94   | 0.32    | -1.66  |
| Solyc10g0 | 0.50   | 0.56   | 0.70   | 1.64   | 1.53   | 1.84   | 0.35    | -1.51  |
| Solyc11g0 | 1.11   | 0.89   | 1.42   | 0.34   | 0.29   | 0.36   | 3.46    | 1.79   |
| Solyc02g0 | 2.43   | 2.27   | 2.16   | 3.78   | 6.03   | 6.60   | 0.42    | -1.26  |
| Solyc06g0 | 0.27   | 0.28   | 0.21   | 1.25   | 2.04   | 1.81   | 0.15    | -2.74  |
| Solyc05g0 | 0      | 0      | 0      | 1.27   | 2.15   | 2.14   | 0.00    | -14.18 |
| Solyc09g0 | 0      | 0      | 0      | 0.50   | 0.22   | 0.50   | 0.00    | -11.98 |
| Solyc09g0 | 5.09   | 4.84   | 5.42   | 1.15   | 2.49   | 1.60   | 2.93    | 1.55   |
| Solyc06g0 | 1.52   | 1.51   | 1.56   | 0.64   | 0.42   | 0.80   | 2.46    | 1.30   |
| Solyc10g0 | 0.02   | 0.02   | 0.03   | 0.26   | 0.30   | 0.36   | 0.08    | -3.68  |
| Solyc12g0 | 0.38   | 0.37   | 0.47   | 1.26   | 1.07   | 0.98   | 0.37    | -1.44  |
| Solyc05g0 | 7.74   | 7.42   | 7.14   | 5.29   | 2.72   | 2.80   | 2.06    | 1.05   |
| Solyc06g0 | 0.81   | 0.77   | 0.77   | 0.16   | 0.17   | 0.23   | 4.17    | 2.06   |
| Solyc07g0 | 1.79   | 1.89   | 1.92   | 5.36   | 3.79   | 4.36   | 0.41    | -1.27  |
| Solyc12g0 | 0.12   | 0.25   | 0.15   | 3.15   | 2.74   | 3.72   | 0.05    | -4.20  |
| Solyc12g0 | 2.11   | 1.49   | 1.93   | 0.80   | 1.06   | 0.86   | 2.04    | 1.03   |
| Solyc08g0 | 2.50   | 2.73   | 2.30   | 10.57  | 9.12   | 11.55  | 0.24    | -2.05  |
| Solyc05g0 | 0      | 0      | 0      | 0.78   | 0.32   | 1.16   | 0.00    | -12.88 |
| Solyc02g0 | 1.83   | 1.81   | 1.53   | 0.28   | 0.34   | 0.37   | 5.17    | 2.37   |
| Solyc01g0 | 5.27   | 4.92   | 4.14   | 0.76   | 1.87   | 0.94   | 4.00    | 2.00   |
| Solyc06g0 | 0.14   | 0.06   | 0.07   | 0.73   | 0.84   | 1.01   | 0.11    | -3.25  |
| Solyc08g0 | 0.81   | 0.85   | 0.65   | 0.36   | 0.23   | 0.28   | 2.67    | 1.41   |
| Solyc02g0 | 3.86   | 3.94   | 4.09   | 16.49  | 9.31   | 23.07  | 0.24    | -2.04  |
| Solyc09g0 | 1.29   | 0.89   | 1.21   | 0.26   | 0.28   | 0.29   | 4.06    | 2.02   |
| Solyc08g0 | 0.42   | 0.49   | 0.28   | 1.03   | 1.09   | 1.28   | 0.35    | -1.51  |
| Solyc10g0 | 0      | 0.01   | 0      | 2.14   | 1.72   | 3.32   | 0.00    | -9.03  |
| Solyc02g0 | 1.20   | 1.16   | 1.37   | 3.37   | 3.91   | 3.55   | 0.34    | -1.54  |
| Solyc03g0 | 0.34   | 0.32   | 0.17   | 0      | 0      | 0      | 2761.02 | 11.43  |
| Solyc10g0 | 15.55  | 13.55  | 17.95  | 34.60  | 32.72  | 29.83  | 0.48    | -1.05  |
| Solyc01g1 | 0      | 0      | 0.90   | 0      | 0      | 0      | 2993.63 | 11.55  |
| Solyc09g0 | 3.36   | 4.42   | 3.73   | 7.35   | 8.89   | 8.38   | 0.47    | -1.10  |
| Solyc05g0 | 0.02   | 0      | 0.01   | 0.29   | 0.20   | 0.56   | 0.04    | -4.82  |
| Solyc02g0 | 7.15   | 6.47   | 5.84   | 2.89   | 3.41   | 3.22   | 2.04    | 1.03   |
| Solyc02g0 | 0.57   | 0.58   | 0.46   | 0.11   | 0.06   | 0.17   | 4.67    | 2.22   |
| Solyc06g0 | 0.27   | 0.26   | 0.15   | 0      | 0      | 0      | 2266.68 | 11.15  |
| Solyc03g0 | 1.37   | 1.21   | 1.55   | 0.59   | 0.73   | 0.59   | 2.16    | 1.11   |
| Solyc12g0 | 3.33   | 3.01   | 2.65   | 1.67   | 0.71   | 1.11   | 2.58    | 1.37   |
| Solyc05g0 | 0      | 0      | 0      | 0.95   | 1.08   | 1.13   | 0.00    | -13.36 |
| Solyc09g0 | 15.90  | 13.22  | 16.69  | 8.92   | 6.76   | 5.77   | 2.13    | 1.09   |
| ENSRNA(   | 727.39 | 567.47 | 772.61 | 394.05 | 262.02 | 346.98 | 2.06    | 1.04   |
| Solyc11g0 | 0.35   | 0.21   | 0.38   | 0      | 0      | 0      | 3143.94 | 11.62  |
| Solyc11g0 | 0.62   | 0.18   | 0.42   | 0      | 0      | 0      | 4049.02 | 11.98  |

|           |       |       |       |       |      |       |         |        |
|-----------|-------|-------|-------|-------|------|-------|---------|--------|
| Solyc07g0 | 1.98  | 1.97  | 2.22  | 0.82  | 0.52 | 0.20  | 4.00    | 2.00   |
| Solyc01g0 | 1.42  | 1.87  | 1.87  | 4.64  | 4.39 | 3.59  | 0.41    | -1.29  |
| Solyc02g0 | 3.27  | 3.12  | 3.84  | 0.85  | 1.29 | 0.71  | 3.58    | 1.84   |
| Solyc05g0 | 0     | 0     | 0     | 0.28  | 0.25 | 0.17  | 0.00    | -11.21 |
| Solyc01g1 | 32.65 | 34.83 | 33.00 | 2.15  | 0.22 | 0.32  | 37.32   | 5.22   |
| Solyc04g0 | 1.33  | 1.16  | 1.38  | 3.48  | 3.34 | 2.70  | 0.41    | -1.30  |
| Solyc06g0 | 1.41  | 1.65  | 1.25  | 0.47  | 0.15 | 0.37  | 4.32    | 2.11   |
| Solyc02g0 | 0.97  | 1.44  | 1.35  | 4.98  | 3.19 | 5.16  | 0.28    | -1.83  |
| Solyc02g0 | 1.51  | 1.81  | 1.84  | 0.86  | 0.26 | 0.33  | 3.57    | 1.83   |
| Solyc04g0 | 0     | 0     | 0     | 1.65  | 1.29 | 1.30  | 0.00    | -13.79 |
| Solyc07g0 | 2.97  | 1.52  | 2.44  | 0.39  | 0.22 | 0.25  | 8.01    | 3.00   |
| Solyc06g0 | 2.42  | 2.50  | 3.15  | 1.00  | 0.78 | 0.53  | 3.49    | 1.80   |
| Solyc03g1 | 3.92  | 3.63  | 4.06  | 1.58  | 1.20 | 0.65  | 3.39    | 1.76   |
| Solyc05g0 | 0     | 0.13  | 0.03  | 4.55  | 2.98 | 4.14  | 0.01    | -6.23  |
| Solyc01g1 | 1.05  | 1.03  | 1.23  | 0.30  | 0.26 | 0.42  | 3.40    | 1.77   |
| Solyc02g0 | 2.12  | 2.11  | 1.70  | 0.82  | 0.80 | 0.97  | 2.29    | 1.19   |
| Solyc12g0 | 6.08  | 7.18  | 5.56  | 2.97  | 2.61 | 2.25  | 2.41    | 1.27   |
| Solyc05g0 | 0.33  | 0.32  | 0.45  | 0.03  | 0    | 0     | 31.58   | 4.98   |
| Solyc03g0 | 0.16  | 0.45  | 0.12  | 2.14  | 2.49 | 1.86  | 0.11    | -3.15  |
| Solyc07g0 | 0.54  | 0.50  | 0.54  | 0.07  | 0    | 0     | 22.14   | 4.47   |
| Solyc01g0 | 0.53  | 0.65  | 0.43  | 0.05  | 0    | 0     | 33.68   | 5.07   |
| Solyc09g0 | 8.97  | 7.72  | 8.36  | 4.11  | 2.88 | 4.28  | 2.22    | 1.15   |
| Solyc10g0 | 0     | 0     | 0     | 0.83  | 1.32 | 1.78  | 0.00    | -13.68 |
| Solyc04g0 | 1.50  | 0.72  | 0.92  | 3.31  | 4.18 | 3.17  | 0.29    | -1.76  |
| Solyc05g0 | 4.41  | 3.75  | 3.32  | 0.89  | 0.85 | 0.20  | 5.91    | 2.56   |
| Solyc06g0 | 0.17  | 0.04  | 0     | 3.69  | 4.42 | 3.09  | 0.02    | -5.77  |
| Solyc08g0 | 0.45  | 0.56  | 0.43  | 0.95  | 1.37 | 1.46  | 0.38    | -1.39  |
| Solyc04g0 | 3.32  | 3.36  | 2.90  | 5.16  | 7.24 | 6.95  | 0.49    | -1.01  |
| Solyc06g0 | 0.04  | 0.17  | 0.06  | 0.61  | 0.58 | 0.69  | 0.15    | -2.77  |
| Solyc05g0 | 0     | 0.13  | 0     | 1.33  | 1.64 | 2.01  | 0.03    | -5.29  |
| Solyc04g0 | 1.29  | 1.03  | 1.01  | 0.54  | 0.43 | 0.24  | 2.74    | 1.46   |
| Solyc01g0 | 0.85  | 1.23  | 0.92  | 0.13  | 0.32 | 0.21  | 4.54    | 2.18   |
| Solyc03g0 | 0.23  | 0.23  | 0.24  | 0.69  | 0.53 | 0.73  | 0.36    | -1.49  |
| Solyc09g0 | 0.79  | 0.88  | 0.72  | 2.43  | 3.84 | 3.18  | 0.25    | -1.98  |
| Solyc10g0 | 0     | 0     | 0     | 1.10  | 1.45 | 1.54  | 0.00    | -13.73 |
| Solyc09g0 | 2.47  | 2.41  | 2.00  | 0.95  | 0.98 | 1.00  | 2.35    | 1.23   |
| Solyc05g0 | 1.16  | 1.73  | 1.39  | 0.61  | 0.74 | 0.70  | 2.08    | 1.06   |
| Solyc12g0 | 0.88  | 1.20  | 0.87  | 0.54  | 0.27 | 0.28  | 2.73    | 1.45   |
| Solyc11g0 | 0.49  | 0.63  | 0.43  | 1.47  | 1.40 | 1.27  | 0.38    | -1.41  |
| Solyc06g0 | 1.44  | 1.36  | 1.28  | 5.28  | 3.82 | 5.57  | 0.28    | -1.85  |
| Solyc12g1 | 1.05  | 1.63  | 0.96  | 0.46  | 0.50 | 0.62  | 2.30    | 1.20   |
| Solyc01g0 | 13.99 | 13.43 | 14.36 | 9.17  | 4.53 | 5.55  | 2.17    | 1.12   |
| Solyc03g1 | 0.89  | 1.70  | 0.74  | 0.21  | 0    | 0.04  | 13.81   | 3.79   |
| Solyc04g0 | 1.41  | 0.81  | 0.66  | 0     | 0    | 0     | 9579.06 | 13.23  |
| Solyc11g0 | 0.25  | 0.27  | 0.09  | 1.05  | 1.12 | 0.82  | 0.20    | -2.30  |
| Solyc02g0 | 5.06  | 6.35  | 6.47  | 14.66 | 9.99 | 13.65 | 0.47    | -1.10  |
| Solyc05g0 | 6.55  | 5.14  | 4.33  | 1.99  | 2.45 | 2.06  | 2.46    | 1.30   |
| Solyc07g0 | 0     | 0     | 0     | 0.21  | 0.36 | 0.27  | 0.00    | -11.47 |
| Solyc08g0 | 2.83  | 3.07  | 2.90  | 6.22  | 4.55 | 7.39  | 0.48    | -1.04  |
| Solyc10g0 | 0.96  | 1.19  | 0.79  | 3.10  | 3.19 | 2.57  | 0.33    | -1.59  |
| Solyc08g0 | 0     | 0     | 0.06  | 1.68  | 1.12 | 0.93  | 0.02    | -6.06  |

|           |       |       |       |       |       |       |         |        |
|-----------|-------|-------|-------|-------|-------|-------|---------|--------|
| Solyc12g0 | 0.78  | 0.65  | 0.60  | 0.23  | 0.21  | 0.22  | 3.08    | 1.62   |
| Solyc09g0 | 10.09 | 8.99  | 8.54  | 15.28 | 23.75 | 17.62 | 0.49    | -1.04  |
| Solyc11g0 | 0.59  | 0.77  | 0.82  | 0.21  | 0.17  | 0.13  | 4.22    | 2.08   |
| Solyc08g0 | 2.32  | 2.56  | 2.31  | 1.06  | 1.45  | 0.92  | 2.10    | 1.07   |
| Solyc02g0 | 1.89  | 2.34  | 1.83  | 0.74  | 1.19  | 1.09  | 2.01    | 1.01   |
| Solyc04g0 | 1.24  | 0.87  | 1.20  | 0.51  | 0.36  | 0.30  | 2.84    | 1.50   |
| Solyc04g0 | 1.04  | 1.20  | 1.06  | 2.40  | 2.86  | 2.86  | 0.41    | -1.30  |
| Solyc11g0 | 2.72  | 2.63  | 1.99  | 1.14  | 0.69  | 1.19  | 2.43    | 1.28   |
| Solyc04g0 | 0.80  | 0.68  | 0.75  | 1.72  | 2.23  | 1.51  | 0.41    | -1.29  |
| Solyc02g0 | 0.21  | 0.18  | 0.22  | 0.55  | 0.86  | 1.03  | 0.25    | -1.99  |
| Solyc01g0 | 1.63  | 1.44  | 1.89  | 2.83  | 4.11  | 3.38  | 0.48    | -1.06  |
| Solyc01g0 | 7.70  | 9.03  | 7.40  | 16.78 | 18.21 | 17.41 | 0.46    | -1.12  |
| Solyc06g0 | 0.40  | 0.45  | 0.37  | 0.86  | 0.76  | 1.00  | 0.46    | -1.11  |
| Solyc03g0 | 0.28  | 0.36  | 0.25  | 0.71  | 0.92  | 0.94  | 0.34    | -1.54  |
| Solyc07g0 | 2.41  | 2.77  | 2.08  | 1.18  | 1.14  | 0.75  | 2.37    | 1.24   |
| Solyc09g0 | 1.21  | 1.25  | 1.01  | 0.32  | 0.17  | 0.48  | 3.57    | 1.84   |
| Solyc08g0 | 2.52  | 1.81  | 2.19  | 6.40  | 6.76  | 4.58  | 0.37    | -1.44  |
| Solyc05g0 | 0.32  | 0.09  | 0.52  | 0     | 0     | 0     | 3068.36 | 11.58  |
| Solyc03g0 | 0.11  | 0.38  | 0     | 11.16 | 6.19  | 7.29  | 0.02    | -5.67  |
| Solyc10g0 | 0.16  | 0.22  | 0.10  | 0     | 0     | 0     | 1604.71 | 10.65  |
| Solyc07g0 | 0.54  | 0.56  | 0.51  | 0.05  | 0.18  | 0.10  | 4.69    | 2.23   |
| Solyc03g0 | 0.13  | 0.16  | 0.17  | 0     | 0     | 0     | 1566.99 | 10.61  |
| Solyc12g0 | 0.41  | 0.38  | 0.64  | 0.03  | 0     | 0     | 44.33   | 5.47   |
| Solyc10g0 | 0.11  | 0.10  | 0.11  | 0     | 0     | 0     | 1081.58 | 10.08  |
| Solyc09g0 | 0.23  | 0.18  | 0.20  | 0.96  | 0.75  | 0.68  | 0.26    | -1.97  |
| Solyc10g0 | 0.76  | 0.64  | 0.56  | 1.69  | 1.71  | 1.78  | 0.38    | -1.41  |
| Solyc01g0 | 0.77  | 0.75  | 0.54  | 0.25  | 0.25  | 0.14  | 3.21    | 1.68   |
| Solyc11g0 | 2.96  | 3.16  | 3.07  | 0.74  | 0.20  | 0.21  | 7.96    | 2.99   |
| Solyc06g0 | 0.20  | 0.21  | 0.21  | 0     | 0     | 0     | 2059.41 | 11.01  |
| Solyc12g0 | 0.89  | 0.83  | 0.88  | 0.16  | 0.30  | 0.39  | 3.03    | 1.60   |
| Solyc12g0 | 0.49  | 0.30  | 0.49  | 0     | 0     | 0     | 4279.43 | 12.06  |
| Solyc05g0 | 1.68  | 2.11  | 1.53  | 1.06  | 0.66  | 0.60  | 2.29    | 1.20   |
| Solyc07g0 | 0.14  | 0.14  | 0.16  | 0     | 0     | 0     | 1462.99 | 10.51  |
| Solyc02g0 | 0.18  | 0.17  | 0.25  | 0.73  | 0.85  | 0.67  | 0.27    | -1.89  |
| Solyc04g0 | 0.47  | 0.47  | 0.62  | 1.06  | 1.18  | 1.58  | 0.41    | -1.29  |
| Solyc10g0 | 0.78  | 0.56  | 0.80  | 0.33  | 0.32  | 0.30  | 2.26    | 1.18   |
| Solyc02g0 | 4.73  | 4.32  | 3.01  | 12.21 | 11.43 | 16.54 | 0.30    | -1.74  |
| Solyc07g0 | 0.14  | 0.51  | 0.31  | 0     | 0     | 0     | 3182.84 | 11.64  |
| Solyc05g0 | 0.09  | 0.36  | 0.20  | 0     | 0     | 0     | 2143.40 | 11.07  |
| Solyc02g0 | 3.79  | 3.62  | 3.77  | 8.21  | 9.01  | 8.65  | 0.43    | -1.21  |
| Solyc01g1 | 1.12  | 0.90  | 0.76  | 0     | 0     | 0     | 9262.43 | 13.18  |
| Solyc03g1 | 0.56  | 0.38  | 0.45  | 1.23  | 1.09  | 1.12  | 0.41    | -1.30  |
| Solyc01g0 | 1.89  | 1.80  | 1.89  | 0.91  | 0.88  | 0.59  | 2.35    | 1.24   |
| Solyc09g0 | 1.35  | 0.99  | 1.09  | 1.88  | 2.72  | 2.46  | 0.49    | -1.04  |
| Solyc02g0 | 8.31  | 6.39  | 6.15  | 4.01  | 2.99  | 3.08  | 2.07    | 1.05   |
| Solyc07g0 | 0.23  | 0.22  | 0.21  | 0.04  | 0.01  | 0.02  | 8.50    | 3.09   |
| Solyc09g0 | 12.32 | 11.77 | 11.56 | 2.86  | 0.75  | 0.79  | 8.11    | 3.02   |
| Solyc06g0 | 1.32  | 1.01  | 1.18  | 0.53  | 0.41  | 0.61  | 2.25    | 1.17   |
| Solyc01g1 | 1.10  | 1.25  | 1.15  | 2.02  | 3.07  | 2.66  | 0.45    | -1.15  |
| Solyc08g0 | 0.30  | 0.46  | 0.37  | 0     | 0     | 0     | 3738.24 | 11.87  |
| Solyc09g0 | 0     | 0     | 0     | 1.50  | 1.48  | 1.41  | 0.00    | -13.84 |

|           |        |        |        |        |       |       |         |        |
|-----------|--------|--------|--------|--------|-------|-------|---------|--------|
| Solyc06g0 | 0.27   | 0.56   | 0.71   | 0      | 0     | 0     | 5133.09 | 12.33  |
| Solyc08g0 | 0      | 0.09   | 0      | 1.61   | 0.91  | 1.48  | 0.02    | -5.43  |
| Solyc10g0 | 0      | 0      | 0      | 0.51   | 0.44  | 0.35  | 0.00    | -12.09 |
| Solyc10g0 | 0.43   | 0.25   | 0.20   | 0      | 0     | 0     | 2907.35 | 11.51  |
| Solyc12g0 | 0.72   | 0.76   | 0.68   | 0.30   | 0.29  | 0.22  | 2.66    | 1.41   |
| Solyc05g0 | 0.36   | 0.39   | 0.16   | 0      | 0     | 0     | 3037.21 | 11.57  |
| Solyc02g0 | 0.68   | 0.54   | 0.63   | 1.37   | 1.71  | 1.56  | 0.40    | -1.32  |
| Solyc03g0 | 0.40   | 0.23   | 0.41   | 1.14   | 0.98  | 1.22  | 0.31    | -1.69  |
| Solyc03g0 | 0.82   | 0.84   | 0.89   | 0.43   | 0.36  | 0.47  | 2.02    | 1.02   |
| Solyc04g0 | 253.20 | 250.36 | 264.52 | 103.92 | 47.22 | 46.51 | 3.89    | 1.96   |
| Solyc02g0 | 1.16   | 1.55   | 1.34   | 0.44   | 0.77  | 0.57  | 2.28    | 1.19   |
| Solyc11g0 | 0.20   | 0.26   | 0.21   | 0.63   | 0.70  | 0.84  | 0.31    | -1.70  |
| Solyc06g0 | 1.82   | 1.95   | 2.00   | 1.12   | 0.97  | 0.78  | 2.01    | 1.01   |
| Solyc01g0 | 0.17   | 0.17   | 0.26   | 0      | 0     | 0     | 1991.27 | 10.96  |
| Solyc10g0 | 0      | 0      | 0      | 0.41   | 0.41  | 0.50  | 0.00    | -12.10 |
| Solyc01g1 | 1.11   | 0.59   | 1.03   | 0.21   | 0.20  | 0.21  | 4.37    | 2.13   |
| Solyc09g0 | 0      | 0      | 0      | 0.48   | 0.90  | 1.34  | 0.00    | -13.14 |
| Solyc04g0 | 0.03   | 0      | 0.07   | 0.43   | 0.52  | 0.45  | 0.07    | -3.79  |
| Solyc02g0 | 2.35   | 2.65   | 2.88   | 4.37   | 7.03  | 4.94  | 0.48    | -1.05  |
| Solyc06g0 | 1.00   | 1.20   | 1.15   | 2.41   | 3.22  | 3.03  | 0.39    | -1.37  |
| Solyc10g0 | 1.15   | 1.07   | 0.97   | 0.60   | 0.40  | 0.36  | 2.33    | 1.22   |
| Solyc05g0 | 1.27   | 0.90   | 1.17   | 0.48   | 0.09  | 0.25  | 4.12    | 2.04   |
| Solyc03g0 | 1.14   | 1.54   | 1.22   | 0.31   | 0.14  | 0.48  | 4.18    | 2.06   |
| Solyc10g0 | 33.80  | 33.33  | 31.47  | 4.33   | 0.72  | 0.53  | 17.65   | 4.14   |
| Solyc01g0 | 0.60   | 0.79   | 0.74   | 0.30   | 0.24  | 0.27  | 2.62    | 1.39   |
| Solyc03g0 | 0.68   | 0.82   | 0.69   | 0.14   | 0.20  | 0.36  | 3.13    | 1.65   |
| Solyc08g0 | 6.97   | 6.34   | 5.94   | 13.08  | 13.96 | 14.21 | 0.47    | -1.10  |
| Solyc09g0 | 0.59   | 0.26   | 0.41   | 0.15   | 0.06  | 0.07  | 4.54    | 2.18   |
| Solyc11g0 | 0.62   | 0.83   | 0.59   | 0      | 0.04  | 0     | 57.14   | 5.84   |
| Solyc01g0 | 9.09   | 7.58   | 7.63   | 5.54   | 3.54  | 2.94  | 2.02    | 1.02   |
| Solyc10g0 | 0.14   | 0.26   | 0.28   | 0      | 0     | 0     | 2271.73 | 11.15  |
| Solyc01g0 | 0.52   | 0.44   | 0.55   | 0.18   | 0.07  | 0.17  | 3.53    | 1.82   |
| Solyc02g0 | 0.62   | 0.39   | 0.59   | 2.44   | 1.75  | 2.34  | 0.25    | -2.02  |
| Solyc08g0 | 0.58   | 0.59   | 0.74   | 0.29   | 0.31  | 0.20  | 2.38    | 1.25   |
| Solyc06g0 | 0.56   | 0.27   | 0.58   | 0.05   | 0     | 0.05  | 14.49   | 3.86   |
| Solyc05g0 | 0.98   | 0.78   | 1.20   | 0.32   | 0.14  | 0.09  | 5.37    | 2.42   |
| Solyc03g0 | 0.40   | 0.63   | 0.43   | 1.70   | 1.81  | 1.98  | 0.27    | -1.91  |
| Solyc05g0 | 0.30   | 0.24   | 0.33   | 0.02   | 0     | 0     | 39.90   | 5.32   |
| Solyc07g0 | 6.69   | 6.33   | 7.38   | 2.77   | 1.28  | 1.02  | 4.02    | 2.01   |
| Solyc11g0 | 0      | 0      | 0      | 1.34   | 1.56  | 1.19  | 0.00    | -13.74 |
| Solyc01g1 | 0.30   | 0.31   | 0.24   | 0      | 0     | 0     | 2829.11 | 11.47  |
| Solyc01g0 | 0.78   | 0.91   | 0.83   | 1.70   | 2.69  | 1.93  | 0.40    | -1.32  |
| Solyc02g0 | 0      | 0      | 0      | 0.33   | 0.25  | 0.18  | 0.00    | -11.29 |
| Solyc01g0 | 0.35   | 0.34   | 0.24   | 0.69   | 0.76  | 0.85  | 0.41    | -1.30  |
| Solyc02g0 | 3.97   | 3.55   | 3.59   | 7.19   | 8.79  | 7.09  | 0.48    | -1.05  |
| Solyc12g0 | 0.27   | 0.22   | 0.21   | 0.89   | 0.79  | 0.88  | 0.27    | -1.89  |
| Solyc02g0 | 0.54   | 0.79   | 1.07   | 0.24   | 0.13  | 0.04  | 5.76    | 2.53   |
| Solyc06g0 | 0.45   | 0.89   | 0.65   | 2.60   | 2.31  | 2.06  | 0.29    | -1.80  |
| Solyc12g0 | 0.99   | 1.53   | 1.37   | 0.54   | 0.48  | 0.68  | 2.29    | 1.20   |
| Solyc10g0 | 0      | 0      | 0      | 0.96   | 0.63  | 0.48  | 0.00    | -12.76 |
| Solyc04g0 | 1.05   | 1.38   | 1.39   | 2.73   | 3.13  | 2.73  | 0.45    | -1.16  |

|           |        |        |        |        |        |        |         |        |
|-----------|--------|--------|--------|--------|--------|--------|---------|--------|
| Solyc03g0 | 0.15   | 0.35   | 0.19   | 0      | 0      | 0      | 2300.48 | 11.17  |
| Solyc03g0 | 1.70   | 1.78   | 1.32   | 0.34   | 0.51   | 0.56   | 3.43    | 1.78   |
| Solyc12g0 | 0.78   | 1.15   | 0.94   | 2.68   | 3.02   | 3.09   | 0.33    | -1.61  |
| Solyc06g0 | 0.22   | 0.23   | 0.21   | 0      | 0      | 0      | 2169.21 | 11.08  |
| ENSRNA(   | 675.76 | 477.92 | 663.46 | 343.18 | 199.95 | 249.43 | 2.29    | 1.20   |
| Solyc12g0 | 0.46   | 0.45   | 0.63   | 0.19   | 0.14   | 0.17   | 3.03    | 1.60   |
| Solyc06g0 | 1.48   | 1.25   | 1.42   | 0.34   | 0.70   | 0.23   | 3.27    | 1.71   |
| Solyc07g0 | 9.19   | 9.30   | 8.79   | 4.85   | 3.40   | 3.20   | 2.38    | 1.25   |
| Solyc06g0 | 0.12   | 0.13   | 0.29   | 0.76   | 0.71   | 0.91   | 0.23    | -2.13  |
| Solyc08g0 | 2.21   | 1.39   | 2.11   | 0.97   | 0.79   | 0.48   | 2.54    | 1.34   |
| Solyc09g0 | 0.05   | 0.07   | 0.06   | 0      | 0      | 0      | 617.25  | 9.27   |
| Solyc12g0 | 0      | 0      | 0      | 0.82   | 0.44   | 0.49   | 0.00    | -12.51 |
| Solyc02g0 | 3.78   | 3.36   | 4.24   | 0.98   | 0.91   | 0.64   | 4.49    | 2.17   |
| Solyc07g0 | 1.22   | 0.86   | 1.31   | 0.49   | 0.47   | 0.50   | 2.33    | 1.22   |
| Solyc10g0 | 0.33   | 0.28   | 0.29   | 0.04   | 0.03   | 0.03   | 8.99    | 3.17   |
| Solyc01g0 | 3.22   | 3.10   | 2.86   | 6.30   | 5.84   | 6.22   | 0.50    | -1.00  |
| Solyc06g0 | 10.81  | 8.69   | 7.22   | 4.55   | 2.16   | 1.33   | 3.33    | 1.73   |
| Solyc02g0 | 0.14   | 0      | 0.11   | 3.07   | 2.61   | 2.24   | 0.03    | -4.99  |
| Solyc11g0 | 1.76   | 2.62   | 1.71   | 0.84   | 1.25   | 0.63   | 2.24    | 1.16   |
| Solyc05g0 | 1.62   | 1.64   | 1.56   | 0.70   | 0.53   | 0.68   | 2.52    | 1.33   |
| Solyc08g0 | 0.23   | 0.15   | 0.37   | 0      | 0      | 0      | 2486.58 | 11.28  |
| Solyc11g0 | 0      | 0      | 0      | 0.26   | 0.39   | 0.30   | 0.00    | -11.62 |
| Solyc04g0 | 0.27   | 0.17   | 0.07   | 0      | 0      | 0      | 1711.14 | 10.74  |
| Solyc04g0 | 0.61   | 0.67   | 0.57   | 0.18   | 0.16   | 0.17   | 3.70    | 1.89   |
| Solyc03g0 | 0.57   | 0.19   | 0.15   | 3.80   | 1.22   | 2.88   | 0.12    | -3.11  |
| Solyc09g0 | 0      | 0      | 0      | 0.38   | 0.58   | 0.25   | 0.00    | -11.97 |
| Solyc01g1 | 0.16   | 0.07   | 0.11   | 0.56   | 0.59   | 0.60   | 0.20    | -2.35  |
| Solyc03g1 | 0.29   | 0.39   | 0.37   | 0.59   | 0.79   | 0.83   | 0.47    | -1.08  |
| Solyc11g0 | 13.79  | 15.07  | 11.79  | 25.39  | 28.68  | 30.28  | 0.48    | -1.05  |
| Solyc11g0 | 0      | 0      | 0      | 0.15   | 0.17   | 0.23   | 0.00    | -10.83 |
| Solyc03g0 | 1.78   | 1.74   | 0.94   | 3.46   | 3.44   | 3.85   | 0.42    | -1.27  |
| Solyc03g0 | 2.14   | 2.21   | 3.34   | 1.30   | 0.83   | 0.71   | 2.71    | 1.44   |
| Solyc11g0 | 0      | 0      | 0      | 0.98   | 1.26   | 1.03   | 0.00    | -13.41 |
| Solyc09g0 | 1.55   | 0.80   | 1.03   | 0.43   | 0.50   | 0.49   | 2.37    | 1.25   |
| Solyc03g1 | 0.39   | 0.47   | 0.42   | 0.16   | 0.08   | 0.03   | 4.71    | 2.24   |
| Solyc02g0 | 2.72   | 2.29   | 2.19   | 1.28   | 0.80   | 1.34   | 2.11    | 1.08   |
| Solyc02g0 | 0.26   | 0.38   | 0.40   | 0.04   | 0      | 0      | 25.47   | 4.67   |
| Solyc09g0 | 0      | 0      | 0      | 0.60   | 0.33   | 0.58   | 0.00    | -12.30 |
| Solyc07g0 | 0.57   | 0.32   | 0.36   | 0.04   | 0.02   | 0.14   | 6.31    | 2.66   |
| Solyc09g0 | 0.80   | 1.11   | 1.12   | 2.78   | 1.87   | 3.79   | 0.36    | -1.48  |
| Solyc06g0 | 0.26   | 0      | 0      | 2.19   | 1.79   | 1.87   | 0.05    | -4.46  |
| Solyc11g0 | 0      | 0      | 0      | 1.00   | 1.13   | 0.46   | 0.00    | -13.08 |
| Solyc07g0 | 1.60   | 1.25   | 0.86   | 0      | 0      | 0      | 12376   | 13.60  |
| Solyc12g0 | 1.12   | 0.86   | 0.87   | 0.34   | 0.30   | 0.32   | 2.97    | 1.57   |
| Solyc07g0 | 0.88   | 0.92   | 1.04   | 0.31   | 0.51   | 0.43   | 2.26    | 1.18   |
| Solyc04g0 | 0.27   | 0.38   | 0.36   | 0.06   | 0      | 0      | 17.20   | 4.10   |
| Solyc07g0 | 0.16   | 0      | 0      | 0.98   | 1.81   | 1.28   | 0.04    | -4.69  |
| Solyc11g0 | 13.01  | 13.54  | 12.91  | 0.19   | 0      | 0      | 210.82  | 7.72   |
| Solyc05g0 | 2.77   | 3.58   | 2.41   | 1.70   | 1.24   | 1.13   | 2.15    | 1.10   |
| Solyc09g0 | 0      | 0      | 0      | 1.18   | 1.60   | 1.03   | 0.00    | -13.63 |
| Solyc05g0 | 8.02   | 7.37   | 6.08   | 3.84   | 1.58   | 2.34   | 2.76    | 1.47   |

|           |       |       |       |       |       |       |         |        |
|-----------|-------|-------|-------|-------|-------|-------|---------|--------|
| Solyc04g0 | 0.25  | 0.26  | 0.36  | 0.06  | 0.04  | 0     | 8.84    | 3.14   |
| Solyc07g0 | 22.63 | 24.51 | 22.80 | 60.89 | 39.42 | 42.37 | 0.49    | -1.03  |
| Solyc07g0 | 1.63  | 2.53  | 2.11  | 3.77  | 4.39  | 4.46  | 0.50    | -1.01  |
| Solyc10g0 | 1.77  | 1.97  | 1.56  | 4.80  | 4.51  | 3.86  | 0.40    | -1.31  |
| Solyc06g0 | 0.29  | 0.27  | 0.34  | 0.63  | 0.66  | 0.84  | 0.42    | -1.25  |
| Solyc12g0 | 0     | 0     | 0     | 0.18  | 0.15  | 0.26  | 0.00    | -10.94 |
| Solyc07g0 | 0.72  | 1.08  | 0.51  | 0.17  | 0.05  | 0.07  | 8.04    | 3.01   |
| Solyc08g0 | 0     | 0     | 0.07  | 0.86  | 0.51  | 1.17  | 0.03    | -5.23  |
| Solyc12g0 | 2.11  | 1.20  | 1.25  | 3.60  | 3.51  | 3.97  | 0.41    | -1.28  |
| Solyc01g0 | 0.53  | 0.58  | 0.66  | 0.24  | 0.06  | 0.19  | 3.64    | 1.87   |
| Solyc02g0 | 0.13  | 0.12  | 0.26  | 1.20  | 0.68  | 1.13  | 0.17    | -2.56  |
| Solyc02g0 | 0.63  | 0.63  | 0.81  | 0.23  | 0.22  | 0.33  | 2.66    | 1.41   |
| Solyc08g0 | 1.97  | 1.71  | 1.31  | 0.65  | 0.69  | 0.61  | 2.56    | 1.36   |
| Solyc04g0 | 1.83  | 2.09  | 2.45  | 0.27  | 0.61  | 0.84  | 3.72    | 1.90   |
| Solyc03g0 | 0.21  | 0.25  | 0.12  | 0.02  | 0     | 0     | 23.80   | 4.57   |
| Solyc06g0 | 0.43  | 0.45  | 0.69  | 1.03  | 1.40  | 1.26  | 0.43    | -1.23  |
| Solyc09g0 | 0.74  | 0.35  | 0.55  | 0.09  | 0     | 0.11  | 8.04    | 3.01   |
| Solyc04g0 | 0.28  | 0.28  | 0.37  | 0.06  | 0     | 0     | 15.77   | 3.98   |
| Solyc04g0 | 0.38  | 0.30  | 0.44  | 2.89  | 2.02  | 2.25  | 0.16    | -2.67  |
| Solyc03g1 | 0.03  | 0.03  | 0     | 0.24  | 0.30  | 0.49  | 0.06    | -4.16  |
| Solyc12g0 | 0     | 0.47  | 0.35  | 3.04  | 3.96  | 3.91  | 0.08    | -3.72  |
| Solyc02g0 | 0.05  | 0.23  | 0.17  | 1.04  | 0.67  | 0.55  | 0.20    | -2.33  |
| Solyc03g0 | 0     | 0     | 0     | 1.28  | 1.38  | 1.51  | 0.00    | -13.76 |
| Solyc10g0 | 0     | 0.04  | 0     | 0.49  | 0.39  | 0.70  | 0.03    | -5.30  |
| Solyc03g0 | 1.16  | 1.34  | 0.92  | 0.44  | 0.23  | 0.19  | 3.99    | 2.00   |
| Solyc06g0 | 0.16  | 0.20  | 0.22  | 0     | 0     | 0     | 1942.11 | 10.92  |
| Solyc12g0 | 3.46  | 2.25  | 2.64  | 1.35  | 0.67  | 1.01  | 2.76    | 1.47   |
| Solyc04g0 | 0.52  | 0.38  | 0.42  | 0.92  | 0.97  | 0.97  | 0.46    | -1.11  |
| Solyc03g0 | 0     | 0     | 0     | 0.51  | 0.52  | 0.71  | 0.00    | -12.50 |
| Solyc06g0 | 0     | 0     | 0     | 0.04  | 0.10  | 0.08  | 0.00    | -9.49  |
| Solyc12g0 | 0     | 0.09  | 0     | 1.37  | 0.74  | 1.79  | 0.02    | -5.42  |
| Solyc05g0 | 0.03  | 0.09  | 0.14  | 0.36  | 0.52  | 0.58  | 0.18    | -2.44  |
| Solyc10g0 | 0.37  | 0.38  | 0.34  | 0.16  | 0.13  | 0.20  | 2.19    | 1.13   |
| Solyc06g0 | 0     | 0     | 0     | 0.20  | 0.21  | 0.18  | 0.00    | -10.94 |
| Solyc09g0 | 0.12  | 0.05  | 0.23  | 0     | 0     | 0     | 1363.92 | 10.41  |
| Solyc05g0 | 8.50  | 8.16  | 7.74  | 0     | 0.24  | 0     | 99.78   | 6.64   |
| Solyc12g0 | 0.11  | 0.16  | 0.49  | 0     | 0     | 0     | 2529.18 | 11.30  |
| Solyc06g0 | 0     | 0     | 0     | 0.11  | 0.12  | 0.13  | 0.00    | -10.22 |
| Solyc08g0 | 0.72  | 0.68  | 0.56  | 1.26  | 1.46  | 1.22  | 0.50    | -1.00  |
| Solyc08g0 | 0.45  | 0.37  | 0.42  | 1.70  | 1.03  | 1.59  | 0.29    | -1.80  |
| Solyc10g0 | 3.03  | 3.18  | 2.12  | 1.56  | 1.31  | 1.16  | 2.07    | 1.05   |
| Solyc08g0 | 2.78  | 2.73  | 3.29  | 1.58  | 0.91  | 1.67  | 2.11    | 1.08   |
| Solyc06g0 | 0.43  | 0.61  | 0.94  | 0     | 0.03  | 0     | 72.41   | 6.18   |
| Solyc09g0 | 0     | 0     | 0     | 0.30  | 0.07  | 0.43  | 0.00    | -11.38 |
| Solyc08g0 | 1.28  | 0.91  | 0.88  | 0.35  | 0.43  | 0.48  | 2.43    | 1.28   |
| Solyc08g0 | 2.19  | 1.31  | 1.96  | 0.76  | 0.84  | 1.09  | 2.02    | 1.02   |
| Solyc10g0 | 0.37  | 0.81  | 0.51  | 0     | 0     | 0     | 5617.07 | 12.46  |
| Solyc09g0 | 0     | 0.11  | 0.15  | 1.32  | 0.82  | 1.80  | 0.07    | -3.94  |
| Solyc11g0 | 2.07  | 1.37  | 2.14  | 0.84  | 0.90  | 0.49  | 2.51    | 1.33   |
| Solyc12g0 | 2.13  | 1.23  | 1.42  | 4.77  | 4.87  | 3.81  | 0.36    | -1.49  |
| Solyc04g0 | 1.17  | 1.10  | 1.14  | 4.10  | 3.24  | 2.90  | 0.33    | -1.58  |

|           |       |       |       |       |       |       |         |        |
|-----------|-------|-------|-------|-------|-------|-------|---------|--------|
| Solyc07g0 | 0.39  | 0.22  | 0.40  | 0     | 0     | 0.03  | 29.42   | 4.88   |
| Solyc06g0 | 1.01  | 0.92  | 1.64  | 0.19  | 0     | 0     | 18.67   | 4.22   |
| Solyc08g0 | 1.44  | 1.25  | 1.48  | 2.74  | 2.60  | 3.47  | 0.47    | -1.08  |
| Solyc09g0 | 0.71  | 1.03  | 1.25  | 3.78  | 4.21  | 3.06  | 0.27    | -1.89  |
| Solyc02g0 | 0.22  | 0.22  | 0.24  | 0.06  | 0.08  | 0.06  | 3.38    | 1.76   |
| Solyc02g0 | 0.51  | 0.46  | 0.31  | 1.49  | 2.60  | 1.04  | 0.25    | -2.00  |
| Solyc04g0 | 0     | 0     | 0     | 0.40  | 0.29  | 0.50  | 0.00    | -11.95 |
| Solyc02g0 | 0.26  | 0.32  | 0.18  | 0.68  | 0.57  | 0.64  | 0.40    | -1.31  |
| Solyc10g0 | 0.40  | 0.59  | 0.41  | 0.07  | 0.19  | 0.07  | 4.22    | 2.08   |
| Solyc01g1 | 0.71  | 0.17  | 0.42  | 1.46  | 2.03  | 1.96  | 0.24    | -2.07  |
| Solyc09g0 | 0.09  | 0.06  | 0.08  | 0     | 0     | 0     | 767.92  | 9.58   |
| Solyc04g0 | 0.36  | 0.45  | 0.31  | 0.68  | 0.97  | 1.22  | 0.39    | -1.37  |
| Solyc06g0 | 0.20  | 0.18  | 0.41  | 2.33  | 2.51  | 2.63  | 0.11    | -3.23  |
| Solyc09g0 | 0.20  | 0.20  | 0.40  | 0     | 0     | 0     | 2647.84 | 11.37  |
| Solyc03g0 | 0.87  | 0.74  | 0.96  | 2.61  | 2.70  | 2.30  | 0.34    | -1.57  |
| Solyc07g0 | 0.41  | 0.61  | 0.64  | 0     | 0     | 0     | 5532.77 | 12.43  |
| Solyc06g0 | 1.43  | 1.08  | 2.24  | 5.13  | 5.52  | 5.91  | 0.29    | -1.80  |
| Solyc07g0 | 2.41  | 2.84  | 3.77  | 0.46  | 1.59  | 0.49  | 3.55    | 1.83   |
| Solyc03g1 | 0.46  | 0.16  | 0.37  | 0.02  | 0     | 0     | 57.07   | 5.83   |
| Solyc04g0 | 0.46  | 0.28  | 0.15  | 1.97  | 1.56  | 2.08  | 0.16    | -2.66  |
| Solyc04g0 | 0.13  | 0.12  | 0.11  | 0     | 0     | 0     | 1191.32 | 10.22  |
| Solyc08g0 | 0.22  | 0.15  | 0.11  | 0     | 0.02  | 0     | 21.56   | 4.43   |
| Solyc01g0 | 1.30  | 2.05  | 1.38  | 2.98  | 3.80  | 3.89  | 0.44    | -1.18  |
| Solyc03g1 | 16.98 | 17.39 | 16.97 | 0.78  | 0     | 0.26  | 49.39   | 5.63   |
| Solyc08g0 | 0     | 0     | 0     | 0.08  | 0.09  | 0.14  | 0.00    | -10.00 |
| Solyc01g0 | 0.09  | 0.15  | 0.15  | 0     | 0     | 0     | 1296.75 | 10.34  |
| Solyc02g0 | 0.27  | 0.48  | 0.11  | 0     | 0     | 0     | 2831.77 | 11.47  |
| Solyc01g1 | 1.33  | 1.73  | 1.29  | 3.30  | 3.15  | 2.73  | 0.47    | -1.08  |
| Solyc02g0 | 0.29  | 0.28  | 0.34  | 0     | 0     | 0     | 3056.62 | 11.58  |
| Solyc01g1 | 0.72  | 0.87  | 0.84  | 2.08  | 1.24  | 2.36  | 0.43    | -1.22  |
| Solyc03g0 | 0.07  | 0.19  | 0.14  | 0     | 0     | 0     | 1336.08 | 10.38  |
| Solyc09g0 | 0.46  | 0.10  | 0.25  | 0     | 0     | 0     | 2685.31 | 11.39  |
| Solyc03g0 | 6.39  | 4.23  | 3.78  | 11.91 | 11.17 | 16.21 | 0.37    | -1.45  |
| Solyc02g0 | 0.80  | 0.51  | 0.95  | 2.35  | 2.14  | 3.38  | 0.29    | -1.80  |
| Solyc01g0 | 0.08  | 0     | 0     | 1.39  | 1.36  | 1.64  | 0.02    | -5.72  |
| Solyc06g0 | 4.07  | 3.81  | 3.43  | 2.22  | 2.21  | 1.00  | 2.08    | 1.06   |
| Solyc05g0 | 0.09  | 0.17  | 0.20  | 0     | 0.02  | 0     | 21.99   | 4.46   |
| Solyc12g0 | 0.04  | 0.40  | 0.11  | 0     | 0     | 0     | 1818.26 | 10.83  |
| Solyc10g0 | 2.39  | 2.75  | 2.91  | 4.65  | 6.60  | 4.95  | 0.50    | -1.01  |
| Solyc10g0 | 1.55  | 2.06  | 1.67  | 0.96  | 0.73  | 0.91  | 2.03    | 1.02   |
| Solyc10g0 | 0.45  | 0.52  | 0.44  | 0.20  | 0.18  | 0.29  | 2.14    | 1.09   |
| Solyc12g0 | 1.34  | 1.07  | 1.07  | 2.23  | 2.86  | 2.45  | 0.46    | -1.11  |
| Solyc09g0 | 0.39  | 0.46  | 0.55  | 0.23  | 0.21  | 0.19  | 2.22    | 1.15   |
| Solyc08g0 | 0.07  | 0.15  | 0.09  | 0     | 0     | 0     | 1033.20 | 10.01  |
| Solyc04g0 | 0.58  | 0.47  | 0.67  | 0     | 0     | 0     | 5759.74 | 12.49  |
| Solyc11g0 | 0.57  | 0.41  | 0.35  | 0     | 0     | 0     | 4436.07 | 12.12  |
| Solyc03g0 | 0.53  | 0.76  | 0.70  | 1.54  | 1.89  | 1.46  | 0.41    | -1.30  |
| Solyc09g0 | 0.35  | 0.39  | 0.40  | 0.11  | 0.08  | 0.05  | 4.69    | 2.23   |
| Solyc03g1 | 0.12  | 0.35  | 0.36  | 0     | 0     | 0     | 2773.71 | 11.44  |
| Solyc06g0 | 1.32  | 1.34  | 1.06  | 0.33  | 0.30  | 0.62  | 2.99    | 1.58   |
| Solyc12g0 | 0.34  | 0.24  | 0.18  | 0.08  | 0.02  | 0.06  | 4.85    | 2.28   |

|           |       |       |       |       |       |       |         |        |
|-----------|-------|-------|-------|-------|-------|-------|---------|--------|
| Solyc01g1 | 0.07  | 0.12  | 0.13  | 0     | 0     | 0     | 1067.51 | 10.06  |
| Solyc08g0 | 0     | 0     | 0     | 0.66  | 0.35  | 0.16  | 0.00    | -11.92 |
| Solyc01g0 | 0.11  | 0.07  | 0.02  | 0.32  | 0.34  | 0.39  | 0.19    | -2.40  |
| Solyc08g0 | 2.67  | 2.22  | 2.88  | 0.75  | 1.52  | 1.14  | 2.28    | 1.19   |
| Solyc02g0 | 2.41  | 2.14  | 2.11  | 4.53  | 5.31  | 4.66  | 0.46    | -1.12  |
| Solyc05g0 | 0     | 0.16  | 0     | 2.11  | 2.23  | 0.88  | 0.03    | -5.01  |
| Solyc03g1 | 19.13 | 17.69 | 17.05 | 5.99  | 1.48  | 1.68  | 5.89    | 2.56   |
| Solyc07g0 | 2.40  | 1.67  | 3.23  | 1.00  | 0.87  | 0.76  | 2.77    | 1.47   |
| Solyc05g0 | 0.14  | 0     | 0.14  | 2.25  | 1.34  | 1.78  | 0.05    | -4.24  |
| Solyc06g0 | 3.08  | 2.02  | 2.16  | 5.87  | 7.64  | 6.11  | 0.37    | -1.43  |
| Solyc05g0 | 1.05  | 1.50  | 1.22  | 0.34  | 0.41  | 0.30  | 3.62    | 1.86   |
| Solyc04g0 | 8.67  | 12.24 | 9.59  | 29.57 | 16.64 | 18.25 | 0.47    | -1.08  |
| Solyc05g0 | 3.26  | 2.36  | 3.14  | 1.43  | 0.70  | 1.37  | 2.50    | 1.32   |
| Solyc03g1 | 3.27  | 2.30  | 3.05  | 1.16  | 1.66  | 1.38  | 2.05    | 1.04   |
| Solyc04g0 | 0.35  | 0.39  | 0.27  | 0     | 0.05  | 0     | 19.54   | 4.29   |
| Solyc07g0 | 1.93  | 2.39  | 2.35  | 0.83  | 1.52  | 0.94  | 2.02    | 1.02   |
| Solyc07g0 | 1.15  | 0.91  | 0.73  | 0.42  | 0.47  | 0.45  | 2.07    | 1.05   |
| Solyc01g0 | 45.16 | 43.14 | 51.29 | 27.26 | 12.33 | 14.76 | 2.57    | 1.36   |
| Solyc03g0 | 0.36  | 0.50  | 0.23  | 0     | 0     | 0.05  | 20.56   | 4.36   |
| Solyc06g0 | 1.68  | 1.43  | 1.64  | 0.81  | 0.61  | 0.81  | 2.13    | 1.09   |
| Solyc02g0 | 0.04  | 0     | 0.03  | 0.36  | 0.29  | 0.37  | 0.07    | -3.82  |
| Solyc02g0 | 0.39  | 0.25  | 0.59  | 0.17  | 0.16  | 0.13  | 2.66    | 1.41   |
| Solyc05g0 | 0.96  | 0.66  | 0.50  | 0.23  | 0.18  | 0.10  | 4.22    | 2.08   |
| Solyc09g0 | 1.67  | 1.33  | 1.41  | 3.51  | 3.43  | 3.20  | 0.44    | -1.20  |
| Solyc08g0 | 0.14  | 0.06  | 0.16  | 0     | 0     | 0     | 1235.43 | 10.27  |
| Solyc12g0 | 0.05  | 0     | 0     | 0.92  | 0.69  | 0.57  | 0.02    | -5.43  |
| Solyc02g0 | 0.91  | 0.52  | 0.88  | 0.43  | 0.27  | 0.29  | 2.33    | 1.22   |
| Solyc08g0 | 1.19  | 1.58  | 1.74  | 3.62  | 3.29  | 2.93  | 0.46    | -1.13  |
| Solyc09g0 | 0.29  | 0.38  | 0.14  | 0.03  | 0     | 0     | 25.41   | 4.67   |
| Solyc10g0 | 0.08  | 0.06  | 0.06  | 0.27  | 0.26  | 0.19  | 0.27    | -1.87  |
| Solyc10g0 | 0.17  | 0.03  | 0.09  | 0     | 0     | 0     | 950.12  | 9.89   |
| Solyc08g0 | 0.55  | 0.20  | 0.27  | 0.08  | 0.03  | 0     | 8.90    | 3.15   |
| Solyc12g1 | 0     | 0     | 0     | 0.09  | 0.11  | 0.13  | 0.00    | -10.11 |
| Solyc05g0 | 1.03  | 1.32  | 1.02  | 0.62  | 0.40  | 0.23  | 2.69    | 1.43   |
| Solyc07g0 | 1.46  | 0.91  | 1.98  | 0.15  | 0.04  | 0.11  | 14.48   | 3.86   |
| Solyc11g0 | 0.09  | 0.07  | 0.14  | 0     | 0     | 0     | 1008.81 | 9.98   |
| Solyc02g0 | 0.04  | 0.11  | 0.05  | 0.25  | 0.31  | 0.38  | 0.22    | -2.21  |
| Solyc07g0 | 0.05  | 0.12  | 0.18  | 0     | 0     | 0     | 1180.56 | 10.21  |
| Solyc06g0 | 0.78  | 0.67  | 0.62  | 0.27  | 0.20  | 0.25  | 2.85    | 1.51   |
| Solyc03g1 | 0.07  | 0     | 0     | 0.89  | 0.63  | 1.69  | 0.02    | -5.50  |
| Solyc02g0 | 0.26  | 0.24  | 0.31  | 0.09  | 0.13  | 0.09  | 2.60    | 1.38   |
| Solyc10g0 | 1.84  | 1.50  | 1.36  | 3.05  | 3.89  | 2.73  | 0.49    | -1.04  |
| Solyc12g0 | 1.15  | 0.68  | 1.01  | 0.51  | 0.20  | 0.18  | 3.17    | 1.66   |
| Solyc12g0 | 2.52  | 3.05  | 2.68  | 4.70  | 7.39  | 5.74  | 0.46    | -1.11  |
| Solyc11g0 | 0.08  | 0.23  | 0.18  | 0.75  | 1.39  | 1.63  | 0.13    | -2.96  |
| Solyc10g0 | 0.26  | 0.31  | 0.29  | 0.79  | 0.97  | 0.56  | 0.37    | -1.43  |
| Solyc08g0 | 0.05  | 0.08  | 0.10  | 0.32  | 0.33  | 0.23  | 0.27    | -1.90  |
| Solyc12g0 | 1.76  | 0.84  | 1.34  | 0.58  | 0.44  | 0.48  | 2.62    | 1.39   |
| Solyc06g0 | 0     | 0     | 0     | 0.43  | 0.46  | 0.37  | 0.00    | -12.03 |
| Solyc10g0 | 0.33  | 0.44  | 0.37  | 0.06  | 0.06  | 0.04  | 7.48    | 2.90   |
| Solyc04g0 | 1.06  | 1.51  | 1.90  | 0.60  | 0.27  | 0.60  | 3.05    | 1.61   |

|           |       |       |       |       |       |       |          |        |
|-----------|-------|-------|-------|-------|-------|-------|----------|--------|
| Solyc05g0 | 0.37  | 0.26  | 0.27  | 0     | 0     | 0     | 2989.49  | 11.55  |
| Solyc06g0 | 3.70  | 4.59  | 4.56  | 1.64  | 2.88  | 1.81  | 2.03     | 1.02   |
| Solyc01g0 | 0.97  | 0.59  | 0.80  | 0.26  | 0.12  | 0.19  | 4.12     | 2.04   |
| Solyc01g0 | 4.41  | 4.75  | 5.03  | 1.81  | 2.68  | 1.77  | 2.27     | 1.18   |
| Solyc09g0 | 1.28  | 1.39  | 1.22  | 2.35  | 2.95  | 2.94  | 0.47     | -1.09  |
| Solyc02g0 | 0.63  | 0.69  | 0.65  | 1.37  | 2.15  | 1.56  | 0.39     | -1.37  |
| Solyc07g0 | 0.23  | 0.18  | 0.15  | 0     | 0     | 0     | 1880.17  | 10.88  |
| Solyc02g0 | 0.30  | 0.23  | 0.28  | 0.06  | 0.04  | 0     | 7.75     | 2.95   |
| Solyc09g0 | 0     | 0     | 0     | 0.40  | 0.44  | 0.27  | 0.00     | -11.85 |
| Solyc12g0 | 6.20  | 6.21  | 4.11  | 11.06 | 13.13 | 13.37 | 0.44     | -1.18  |
| Solyc10g0 | 0     | 0     | 0     | 0.05  | 0.15  | 0.17  | 0.00     | -10.24 |
| Solyc09g0 | 1.51  | 1.61  | 1.87  | 0.64  | 0.78  | 0.47  | 2.65     | 1.40   |
| Solyc11g0 | 1.22  | 0.82  | 1.52  | 0     | 0     | 0     | 11861.59 | 13.53  |
| Solyc03g0 | 3.38  | 2.85  | 2.45  | 4.62  | 7.49  | 5.67  | 0.49     | -1.03  |
| Solyc04g0 | 0.12  | 0.39  | 0.10  | 0     | 0     | 0     | 2071.20  | 11.02  |
| Solyc03g0 | 0     | 0     | 0     | 0.40  | 0.16  | 0.09  | 0.00     | -11.07 |
| Solyc12g0 | 0     | 0     | 0     | 0.94  | 2.02  | 1.33  | 0.00     | -13.80 |
| Solyc07g0 | 6.00  | 5.11  | 5.93  | 3.28  | 2.35  | 1.20  | 2.50     | 1.32   |
| ENSRNA(   | 11.26 | 8.80  | 9.71  | 21.93 | 23.98 | 24.24 | 0.42     | -1.24  |
| Solyc01g0 | 0.17  | 0.31  | 0.12  | 0.02  | 0.02  | 0.04  | 6.48     | 2.70   |
| Solyc06g0 | 0.38  | 0.51  | 0.40  | 0.97  | 1.17  | 1.35  | 0.37     | -1.44  |
| Solyc11g0 | 13.94 | 17.00 | 17.30 | 0.54  | 0     | 0     | 89.82    | 6.49   |
| Solyc07g0 | 0.87  | 1.20  | 1.24  | 0.25  | 0.39  | 0.58  | 2.71     | 1.44   |
| Solyc09g0 | 5.27  | 5.71  | 5.46  | 0.28  | 0     | 0.03  | 54.33    | 5.76   |
| Solyc11g0 | 0.44  | 0.47  | 0.45  | 0.20  | 0.16  | 0.10  | 2.98     | 1.58   |
| Solyc08g0 | 0.94  | 0.82  | 1.11  | 0.57  | 0.24  | 0.25  | 2.73     | 1.45   |
| Solyc03g1 | 0.10  | 0.15  | 0.14  | 0     | 0     | 0.03  | 14.48    | 3.86   |
| Solyc01g0 | 0.38  | 0.62  | 0.73  | 0.15  | 0     | 0.05  | 8.77     | 3.13   |
| Solyc02g0 | 0.59  | 0.92  | 0.61  | 0.20  | 0     | 0.06  | 8.19     | 3.03   |
| Solyc07g0 | 0     | 0     | 0     | 0.34  | 0.22  | 0.25  | 0.00     | -11.40 |
| Solyc10g0 | 0.05  | 0.15  | 0.28  | 0     | 0     | 0     | 1611.78  | 10.65  |
| Solyc05g0 | 0.11  | 0.14  | 0.06  | 0     | 0     | 0     | 1020.85  | 10.00  |
| Solyc02g0 | 0.64  | 0.54  | 0.71  | 1.27  | 1.12  | 1.73  | 0.46     | -1.13  |
| Solyc08g0 | 0.35  | 0.42  | 0.55  | 0.13  | 0.06  | 0.13  | 4.16     | 2.06   |
| Solyc01g0 | 0.27  | 0.28  | 0.40  | 1.93  | 1.65  | 0.94  | 0.21     | -2.26  |
| Solyc04g0 | 0.07  | 0.05  | 0.17  | 0.60  | 0.60  | 0.75  | 0.15     | -2.72  |
| Solyc08g0 | 0.35  | 0.28  | 0.29  | 0.78  | 0.67  | 0.73  | 0.42     | -1.25  |
| Solyc02g0 | 0.73  | 0.89  | 0.87  | 0.31  | 0.47  | 0.30  | 2.29     | 1.20   |
| Solyc03g0 | 0.50  | 0.33  | 0.43  | 1.19  | 1.38  | 0.80  | 0.37     | -1.42  |
| Solyc12g0 | 0.29  | 0.23  | 0.22  | 0.12  | 0.14  | 0.09  | 2.17     | 1.12   |
| Solyc05g0 | 0.05  | 0.04  | 0     | 0.26  | 0.40  | 0.41  | 0.09     | -3.43  |
| Solyc12g0 | 4.31  | 3.80  | 3.81  | 8.26  | 8.15  | 9.78  | 0.45     | -1.14  |
| Solyc07g0 | 4.39  | 3.57  | 4.21  | 2.50  | 1.15  | 1.29  | 2.47     | 1.30   |
| Solyc01g0 | 0.28  | 0.25  | 0.24  | 0.11  | 0.03  | 0.07  | 3.59     | 1.84   |
| Solyc03g0 | 0.06  | 0.05  | 0.12  | 0     | 0     | 0     | 794.30   | 9.63   |
| Solyc09g0 | 0.14  | 0.23  | 0.27  | 1.40  | 1.12  | 1.27  | 0.17     | -2.56  |
| Solyc04g0 | 0.20  | 0.18  | 0.19  | 0.40  | 0.38  | 0.50  | 0.44     | -1.18  |
| Solyc04g0 | 0.40  | 0.49  | 0.48  | 0.09  | 0     | 0.13  | 6.17     | 2.63   |
| Solyc12g1 | 0.03  | 0.01  | 0.04  | 0     | 0     | 0     | 249.94   | 7.97   |
| Solyc09g0 | 1.51  | 1.70  | 1.48  | 0.71  | 0.76  | 0.55  | 2.32     | 1.21   |
| Solyc03g0 | 2.48  | 2.78  | 3.43  | 1.81  | 0.94  | 0.59  | 2.60     | 1.38   |

|           |      |      |      |       |       |       |         |        |
|-----------|------|------|------|-------|-------|-------|---------|--------|
| Solyc01g0 | 0.17 | 0.12 | 0.11 | 0.01  | 0     | 0     | 36.75   | 5.20   |
| Solyc04g0 | 0.15 | 0.20 | 0.12 | 0     | 0     | 0     | 1564.01 | 10.61  |
| Solyc07g0 | 1.85 | 1.13 | 1.87 | 0.60  | 0.20  | 0.41  | 3.98    | 1.99   |
| Solyc04g0 | 0.08 | 0.07 | 0.12 | 0     | 0     | 0     | 900.23  | 9.81   |
| Solyc11g0 | 0    | 0    | 0.06 | 0.48  | 0.50  | 1.05  | 0.03    | -5.07  |
| Solyc04g0 | 0.04 | 0.25 | 0.17 | 0     | 0     | 0     | 1523.79 | 10.57  |
| Solyc06g0 | 1.34 | 1.14 | 1.10 | 0.43  | 0.17  | 0.25  | 4.18    | 2.06   |
| Solyc03g1 | 1.29 | 0.60 | 0.88 | 1.97  | 2.14  | 2.26  | 0.44    | -1.20  |
| Solyc04g0 | 1.40 | 1.07 | 1.29 | 2.04  | 2.82  | 2.98  | 0.48    | -1.06  |
| Solyc08g0 | 6.10 | 5.10 | 5.11 | 10.90 | 11.98 | 11.10 | 0.48    | -1.06  |
| Solyc10g0 | 1.47 | 1.40 | 1.92 | 0.80  | 0.87  | 0.71  | 2.02    | 1.01   |
| Solyc11g0 | 0.49 | 0.38 | 0.15 | 0.13  | 0.11  | 0.04  | 3.66    | 1.87   |
| Solyc12g0 | 1.19 | 1.18 | 1.51 | 3.13  | 2.60  | 2.62  | 0.47    | -1.10  |
| Solyc03g0 | 0.90 | 1.36 | 0.89 | 1.95  | 2.04  | 2.45  | 0.49    | -1.03  |
| Solyc08g0 | 0.70 | 0.91 | 0.65 | 0.38  | 0.16  | 0.22  | 2.98    | 1.57   |
| Solyc12g0 | 0.14 | 0    | 0.14 | 1.18  | 1.08  | 0.98  | 0.09    | -3.53  |
| Solyc11g0 | 0.73 | 0.44 | 1.08 | 0     | 0     | 0     | 7510.88 | 12.87  |
| Solyc02g0 | 0.81 | 0.98 | 0.81 | 0.47  | 0.33  | 0.49  | 2.00    | 1.00   |
| Solyc08g0 | 0.40 | 0.32 | 0.33 | 0.12  | 0.06  | 0.08  | 4.04    | 2.01   |
| Solyc05g0 | 0.30 | 0.43 | 0.38 | 0.07  | 0     | 0.08  | 7.28    | 2.86   |
| Solyc08g0 | 0.74 | 0.68 | 0.81 | 0.11  | 0.34  | 0.10  | 4.09    | 2.03   |
| Solyc01g0 | 0.08 | 0.08 | 0.08 | 0     | 0     | 0     | 761.47  | 9.57   |
| Solyc09g0 | 0.22 | 0.17 | 0.25 | 0     | 0     | 0     | 2135.62 | 11.06  |
| Solyc06g0 | 1.55 | 2.36 | 1.75 | 3.68  | 3.89  | 4.20  | 0.48    | -1.06  |
| Solyc09g0 | 0.12 | 0.05 | 0.15 | 0     | 0     | 0     | 1048.85 | 10.03  |
| Solyc06g0 | 0.29 | 0.11 | 0.29 | 0.04  | 0     | 0     | 17.36   | 4.12   |
| Solyc02g0 | 1.01 | 1.22 | 0.86 | 0.05  | 0     | 0.11  | 19.78   | 4.31   |
| Solyc03g1 | 6.04 | 6.02 | 6.25 | 2.04  | 0.44  | 0.43  | 6.29    | 2.65   |
| Solyc09g0 | 0    | 0    | 0.03 | 0.12  | 0.15  | 0.14  | 0.07    | -3.89  |
| Solyc01g0 | 0.05 | 0.08 | 0    | 0.62  | 1.33  | 0.92  | 0.04    | -4.48  |
| Solyc12g0 | 0.90 | 1.25 | 0.69 | 2.25  | 2.41  | 1.73  | 0.45    | -1.17  |
| Solyc02g0 | 0.20 | 0.08 | 0.17 | 0     | 0     | 0     | 1496.74 | 10.55  |
| Solyc01g1 | 0    | 0    | 0    | 0.68  | 0.71  | 1.05  | 0.00    | -12.99 |
| Solyc08g0 | 0.74 | 0.54 | 0.48 | 0.21  | 0.21  | 0.20  | 2.80    | 1.49   |
| Solyc10g0 | 0    | 0.07 | 0    | 0.60  | 1.09  | 0.78  | 0.03    | -5.05  |
| Solyc11g0 | 0    | 0    | 0    | 0.27  | 0.51  | 0.20  | 0.00    | -11.68 |
| Solyc01g1 | 0.50 | 0.46 | 0.25 | 0.09  | 0.02  | 0.15  | 4.73    | 2.24   |
| Solyc07g0 | 0.33 | 0.16 | 0.25 | 0.05  | 0     | 0     | 14.86   | 3.89   |
| Solyc07g0 | 0.56 | 0.74 | 0.37 | 0.12  | 0     | 0     | 13.43   | 3.75   |
| Solyc09g0 | 1.16 | 0.87 | 1.01 | 0.58  | 0.28  | 0.22  | 2.82    | 1.50   |
| Solyc07g0 | 0.10 | 0.34 | 0.26 | 0     | 0     | 0     | 2327.11 | 11.18  |
| Solyc10g0 | 2.16 | 1.39 | 1.84 | 0.44  | 0.51  | 0.27  | 4.43    | 2.15   |
| Solyc05g0 | 0.09 | 0.17 | 0.06 | 0     | 0     | 0     | 1063.88 | 10.06  |
| Solyc12g0 | 0.62 | 0.35 | 0.32 | 0.05  | 0.10  | 0.09  | 5.33    | 2.42   |
| Solyc01g0 | 0.13 | 0.13 | 0.78 | 2.46  | 3.06  | 2.99  | 0.12    | -3.04  |
| Solyc01g0 | 1.88 | 2.03 | 2.15 | 1.17  | 1.10  | 0.75  | 2.01    | 1.00   |
| Solyc03g0 | 0.76 | 0.52 | 0.55 | 0.34  | 0.29  | 0.19  | 2.22    | 1.15   |
| Solyc09g0 | 1.86 | 1.45 | 1.86 | 0.64  | 0.10  | 0.27  | 5.11    | 2.35   |
| Solyc10g0 | 1.18 | 1.01 | 0.86 | 5.31  | 2.78  | 2.43  | 0.29    | -1.79  |
| Solyc04g0 | 0.18 | 0.20 | 0.35 | 0.61  | 1.03  | 0.53  | 0.34    | -1.57  |
| Solyc06g0 | 2.42 | 2.23 | 1.36 | 4.32  | 5.03  | 4.63  | 0.43    | -1.22  |

|           |        |        |        |       |       |       |         |        |
|-----------|--------|--------|--------|-------|-------|-------|---------|--------|
| Solyc03g0 | 0.33   | 0.42   | 0.37   | 0.21  | 0.11  | 0.14  | 2.40    | 1.26   |
| Solyc03g0 | 0.36   | 0.40   | 0.50   | 0.13  | 0.12  | 0.10  | 3.69    | 1.88   |
| Solyc02g0 | 1.08   | 0.83   | 0.76   | 3.06  | 2.46  | 2.21  | 0.35    | -1.53  |
| Solyc03g1 | 1.27   | 1.93   | 1.44   | 0.77  | 0.93  | 0.58  | 2.03    | 1.02   |
| Solyc07g0 | 0.04   | 0.01   | 0.04   | 0.10  | 0.35  | 0.22  | 0.14    | -2.88  |
| Solyc02g0 | 0.52   | 0.16   | 0.58   | 2.68  | 2.27  | 1.25  | 0.20    | -2.29  |
| Solyc09g0 | 0.56   | 0.37   | 0.39   | 1.43  | 0.96  | 0.88  | 0.41    | -1.30  |
| Solyc11g0 | 0.18   | 0.13   | 0.12   | 0.53  | 0.45  | 0.76  | 0.25    | -2.02  |
| Solyc02g0 | 0.82   | 0.58   | 0.61   | 1.85  | 1.85  | 1.60  | 0.38    | -1.40  |
| Solyc02g0 | 0.57   | 1.15   | 0.82   | 2.17  | 2.23  | 1.90  | 0.41    | -1.30  |
| Solyc03g1 | 1.17   | 1.01   | 1.61   | 2.57  | 3.03  | 2.87  | 0.45    | -1.16  |
| Solyc09g0 | 113.76 | 117.25 | 124.03 | 42.80 | 12.19 | 10.70 | 5.40    | 2.43   |
| Solyc01g0 | 0.09   | 0.03   | 0.15   | 0     | 0     | 0     | 894.88  | 9.81   |
| Solyc03g1 | 0.41   | 0.13   | 0.17   | 0     | 0     | 0     | 2361.02 | 11.21  |
| Solyc03g1 | 0.36   | 0.38   | 0      | 2.31  | 2.75  | 2.03  | 0.10    | -3.25  |
| Solyc01g0 | 0.39   | 0.50   | 0.35   | 0.87  | 1.18  | 0.85  | 0.43    | -1.23  |
| Solyc08g0 | 0.03   | 0.13   | 0.04   | 0     | 0     | 0     | 629.04  | 9.30   |
| Solyc09g0 | 0.36   | 0.86   | 0.87   | 0.11  | 0.19  | 0     | 6.94    | 2.79   |
| Solyc10g0 | 0.15   | 0.07   | 0.30   | 0     | 0     | 0     | 1721.61 | 10.75  |
| Solyc05g0 | 7.36   | 8.43   | 8.42   | 2.67  | 0.91  | 0     | 6.77    | 2.76   |
| Solyc02g0 | 0.11   | 0.30   | 0.21   | 0.94  | 0.60  | 0.64  | 0.28    | -1.83  |
| Solyc04g0 | 3.83   | 3.47   | 4.23   | 0.63  | 0.03  | 0.07  | 15.69   | 3.97   |
| Solyc01g0 | 0.52   | 0.51   | 0.54   | 0.06  | 0     | 0     | 25.40   | 4.67   |
| Solyc04g0 | 0.06   | 0.00   | 0.01   | 2.31  | 0.03  | 0.40  | 0.03    | -5.17  |
| Solyc02g0 | 0.14   | 0.29   | 0.14   | 0.04  | 0     | 0.03  | 7.78    | 2.96   |
| Solyc06g0 | 0.03   | 0.04   | 0.13   | 0.19  | 0.71  | 0.42  | 0.15    | -2.76  |
| Solyc07g0 | 0.56   | 0.75   | 0.77   | 0.35  | 0.16  | 0.09  | 3.48    | 1.80   |
| Solyc12g0 | 7.58   | 6.41   | 6.59   | 5.29  | 2.09  | 2.84  | 2.01    | 1.01   |
| Solyc05g0 | 1.27   | 0.94   | 1.13   | 1.99  | 2.79  | 4.00  | 0.38    | -1.39  |
| Solyc01g0 | 0.13   | 0.10   | 0.30   | 0.04  | 0.03  | 0.03  | 5.28    | 2.40   |
| Solyc05g0 | 0.59   | 0.53   | 0.69   | 0.05  | 0     | 0.13  | 10.06   | 3.33   |
| Solyc04g0 | 1.07   | 0.99   | 1.28   | 0.09  | 0     | 0     | 39.10   | 5.29   |
| Solyc08g0 | 0.03   | 0.06   | 0.05   | 0     | 0     | 0     | 455.76  | 8.83   |
| Solyc10g0 | 1.89   | 1.85   | 1.73   | 4.38  | 5.52  | 5.91  | 0.35    | -1.54  |
| Solyc11g0 | 0.11   | 0.05   | 0.10   | 0     | 0     | 0     | 856.16  | 9.74   |
| Solyc03g0 | 0.24   | 0.14   | 0.15   | 0     | 0     | 0     | 1794.95 | 10.81  |
| Solyc07g0 | 0.48   | 0.50   | 0.49   | 1.48  | 1.93  | 1.74  | 0.28    | -1.81  |
| Solyc04g0 | 0.77   | 0.80   | 0.77   | 1.42  | 2.13  | 1.32  | 0.48    | -1.06  |
| Solyc06g0 | 0.14   | 0.14   | 0.32   | 0.65  | 0.83  | 0.93  | 0.25    | -2.01  |
| Solyc04g0 | 0      | 0      | 0      | 0.31  | 0.33  | 0.62  | 0.00    | -12.04 |
| Solyc06g0 | 0.70   | 0.70   | 0.86   | 0     | 0     | 0     | 7542.61 | 12.88  |
| Solyc02g0 | 0.07   | 0.10   | 0.07   | 0.61  | 0.28  | 0.47  | 0.18    | -2.48  |
| Solyc04g0 | 0.10   | 0.08   | 0.34   | 0     | 0     | 0     | 1733.54 | 10.76  |
| Solyc05g0 | 0.13   | 0.11   | 0.12   | 0.52  | 0.61  | 0.50  | 0.23    | -2.14  |
| Solyc10g0 | 5.06   | 4.93   | 4.48   | 11.19 | 11.27 | 11.51 | 0.43    | -1.23  |
| Solyc11g0 | 0.27   | 0.23   | 0.23   | 0     | 0     | 0     | 2410.23 | 11.23  |
| Solyc11g0 | 0.20   | 0.21   | 0.23   | 0.80  | 0.78  | 0.79  | 0.27    | -1.90  |
| Solyc07g0 | 0.44   | 0.52   | 0.42   | 0.89  | 1.27  | 0.80  | 0.47    | -1.10  |
| Solyc02g0 | 0.42   | 0.60   | 0.06   | 1.42  | 2.13  | 2.09  | 0.19    | -2.37  |
| Solyc03g0 | 1.71   | 2.71   | 2.67   | 5.55  | 5.72  | 4.10  | 0.46    | -1.12  |
| Solyc06g0 | 0.29   | 0.33   | 0.30   | 0.82  | 0.91  | 0.97  | 0.34    | -1.55  |

|           |       |       |       |      |      |      |         |        |
|-----------|-------|-------|-------|------|------|------|---------|--------|
| Solyc06g0 | 0     | 0     | 0     | 0.48 | 0.46 | 0.22 | 0.00    | -11.92 |
| Solyc12g0 | 0.35  | 0.49  | 0.37  | 0.13 | 0.12 | 0.07 | 3.71    | 1.89   |
| Solyc04g0 | 0     | 0     | 0     | 1.01 | 1.00 | 0.65 | 0.00    | -13.11 |
| Solyc12g0 | 0.31  | 0.40  | 0.27  | 0.81 | 1.00 | 1.08 | 0.34    | -1.56  |
| Solyc04g0 | 1.29  | 1.56  | 2.15  | 0.93 | 0.44 | 0.74 | 2.37    | 1.25   |
| Solyc03g0 | 0.64  | 0.72  | 0.39  | 1.11 | 1.51 | 1.83 | 0.39    | -1.35  |
| Solyc08g0 | 0.99  | 0.87  | 0.92  | 0.30 | 0.03 | 0    | 8.58    | 3.10   |
| Solyc01g0 | 0.06  | 0.03  | 0     | 0.21 | 0.42 | 0.24 | 0.11    | -3.21  |
| Solyc06g0 | 1.64  | 1.48  | 1.84  | 0.47 | 1.25 | 0.66 | 2.09    | 1.06   |
| Solyc01g1 | 0.20  | 0.44  | 0.56  | 0    | 0.09 | 0    | 13.38   | 3.74   |
| Solyc03g0 | 0.06  | 0.04  | 0.02  | 0.19 | 0.26 | 0.22 | 0.19    | -2.38  |
| Solyc06g0 | 0.14  | 0.08  | 0.06  | 0    | 0    | 0    | 912.98  | 9.83   |
| Solyc03g0 | 0.33  | 0.23  | 0.51  | 0.08 | 0.10 | 0.08 | 4.00    | 2.00   |
| Solyc01g0 | 0.46  | 0.30  | 0.36  | 0.71 | 1.30 | 1.21 | 0.35    | -1.51  |
| Solyc09g0 | 1.44  | 1.43  | 1.43  | 0.89 | 0.74 | 0.42 | 2.09    | 1.07   |
| Solyc05g0 | 0     | 0     | 0     | 0.55 | 0.62 | 0.85 | 0.00    | -12.71 |
| Solyc11g0 | 0.58  | 0.64  | 0.40  | 0.22 | 0.06 | 0.19 | 3.46    | 1.79   |
| Solyc12g0 | 0.15  | 0.18  | 0.19  | 0.58 | 0.73 | 0.77 | 0.25    | -2.01  |
| Solyc03g0 | 0.08  | 0.16  | 0.21  | 0    | 0.03 | 0    | 15.71   | 3.97   |
| Solyc01g0 | 1.35  | 1.57  | 0.86  | 0.64 | 0.32 | 0.56 | 2.48    | 1.31   |
| Solyc04g0 | 0.01  | 0.01  | 0.02  | 0.09 | 0.05 | 0.05 | 0.18    | -2.51  |
| Solyc05g0 | 0.36  | 0.50  | 0.35  | 0.14 | 0.17 | 0.19 | 2.42    | 1.27   |
| Solyc05g0 | 0.73  | 1.27  | 1.00  | 0.20 | 0    | 0    | 14.97   | 3.90   |
| Solyc06g0 | 0.50  | 0.32  | 0.38  | 0    | 0    | 0    | 4013.78 | 11.97  |
| Solyc02g0 | 0.88  | 0.62  | 0.74  | 0.05 | 0    | 0    | 44.26   | 5.47   |
| Solyc09g0 | 0     | 0     | 0     | 0.17 | 0.15 | 0.12 | 0.00    | -10.53 |
| Solyc10g0 | 0     | 0.05  | 0     | 0.26 | 0.55 | 0.29 | 0.04    | -4.58  |
| Solyc01g0 | 0     | 0     | 0     | 0.37 | 0.42 | 0.43 | 0.00    | -11.99 |
| Solyc10g0 | 0.46  | 0.56  | 0.34  | 1.15 | 2.33 | 1.17 | 0.29    | -1.77  |
| Solyc12g0 | 0.13  | 0.08  | 0.23  | 0    | 0    | 0    | 1446.11 | 10.50  |
| Solyc07g0 | 0.64  | 0.70  | 0.65  | 0.36 | 0.35 | 0.29 | 2.00    | 1.00   |
| Solyc12g0 | 36.93 | 37.69 | 37.04 | 6.76 | 0.38 | 0.59 | 14.44   | 3.85   |
| Solyc12g0 | 3.32  | 4.03  | 3.74  | 2.49 | 1.33 | 1.03 | 2.29    | 1.19   |
| Solyc01g0 | 1.31  | 1.27  | 0.59  | 0.15 | 0.15 | 0    | 10.72   | 3.42   |
| Solyc02g0 | 0.89  | 0.69  | 0.60  | 0.08 | 0    | 0    | 25.89   | 4.69   |
| Solyc08g0 | 0.35  | 0.43  | 0.34  | 0.83 | 0.89 | 1.04 | 0.41    | -1.30  |
| Solyc01g0 | 1.03  | 0.98  | 0.79  | 2.49 | 2.08 | 1.52 | 0.46    | -1.12  |
| Solyc04g0 | 0.09  | 0.11  | 0.16  | 0    | 0    | 0    | 1185.03 | 10.21  |
| Solyc06g0 | 0.16  | 0.14  | 0.18  | 0.58 | 0.47 | 0.36 | 0.34    | -1.57  |
| Solyc09g0 | 0.08  | 0.03  | 0.03  | 0    | 0    | 0    | 429.36  | 8.75   |
| Solyc06g0 | 2.91  | 2.85  | 3.15  | 7.20 | 6.44 | 6.38 | 0.44    | -1.17  |
| Solyc11g0 | 0.03  | 0.03  | 0.04  | 0.07 | 0.18 | 0.19 | 0.23    | -2.12  |
| Solyc01g1 | 0.24  | 0.64  | 0.46  | 0.11 | 0    | 0    | 11.69   | 3.55   |
| Solyc12g0 | 0     | 0     | 0.10  | 0.71 | 0.45 | 0.54 | 0.06    | -4.10  |
| Solyc12g0 | 28.19 | 28.79 | 30.41 | 3.23 | 0.26 | 0.05 | 24.66   | 4.62   |
| Solyc05g0 | 1.83  | 2.50  | 1.82  | 1.23 | 0.59 | 0.72 | 2.43    | 1.28   |
| Solyc11g0 | 0     | 0     | 0     | 0.57 | 1.16 | 0.25 | 0.00    | -12.68 |
| Solyc08g0 | 0.50  | 0.41  | 0.45  | 0.87 | 1.42 | 1.06 | 0.41    | -1.30  |
| Solyc04g0 | 0.21  | 0.11  | 0.05  | 0.75 | 0.59 | 0.45 | 0.21    | -2.27  |
| Solyc06g0 | 0     | 0.03  | 0     | 0.27 | 0.20 | 0.19 | 0.04    | -4.64  |
| Solyc12g0 | 0     | 0     | 0     | 0.48 | 0.37 | 0.43 | 0.00    | -12.05 |

|           |       |       |       |       |       |       |         |        |
|-----------|-------|-------|-------|-------|-------|-------|---------|--------|
| Solyc03g0 | 6.09  | 7.13  | 5.02  | 13.82 | 12.37 | 13.61 | 0.46    | -1.13  |
| Solyc03g0 | 0.36  | 0.54  | 0.49  | 0.07  | 0.15  | 0.06  | 4.97    | 2.31   |
| Solyc02g0 | 0.69  | 0.65  | 0.55  | 0.26  | 0.10  | 0.21  | 3.35    | 1.74   |
| Solyc02g0 | 0.70  | 0.57  | 0.53  | 0.32  | 0.37  | 0.17  | 2.10    | 1.07   |
| Solyc01g0 | 0.66  | 1.17  | 2.34  | 4.95  | 5.50  | 3.02  | 0.31    | -1.69  |
| Solyc02g0 | 1.74  | 1.61  | 1.37  | 0.22  | 0.11  | 0.56  | 5.26    | 2.40   |
| Solyc03g1 | 0.05  | 0.13  | 0.05  | 0     | 0     | 0     | 734.02  | 9.52   |
| Solyc07g0 | 0.33  | 0.58  | 0.32  | 0.10  | 0.09  | 0     | 6.57    | 2.72   |
| Solyc05g0 | 0.03  | 0.18  | 0.21  | 0     | 0     | 0     | 1370.75 | 10.42  |
| Solyc02g0 | 0.03  | 0.03  | 0.03  | 0     | 0     | 0     | 307.12  | 8.26   |
| Solyc12g0 | 0.04  | 0.05  | 0.05  | 0     | 0     | 0     | 467.31  | 8.87   |
| Solyc02g0 | 0.92  | 0.91  | 1.26  | 0.41  | 0.50  | 0.45  | 2.27    | 1.18   |
| Solyc01g0 | 0.02  | 0.02  | 0.07  | 0.21  | 0.43  | 0.33  | 0.12    | -3.06  |
| Solyc10g0 | 1.89  | 1.55  | 1.31  | 0.67  | 0.82  | 0.80  | 2.07    | 1.05   |
| Solyc04g0 | 0.85  | 0.64  | 1.42  | 1.89  | 2.59  | 2.56  | 0.41    | -1.27  |
| Solyc01g1 | 1.98  | 2.31  | 2.16  | 1.34  | 0.96  | 0.80  | 2.08    | 1.06   |
| Solyc01g0 | 0.15  | 0.12  | 0.19  | 0.03  | 0     | 0     | 14.28   | 3.84   |
| Solyc02g0 | 0.35  | 0.41  | 0.40  | 1.91  | 1.87  | 1.85  | 0.21    | -2.28  |
| Solyc08g0 | 1.17  | 0.78  | 1.00  | 0.22  | 0.17  | 0     | 7.54    | 2.91   |
| Solyc02g0 | 0.45  | 0.51  | 0.60  | 0.22  | 0.07  | 0.19  | 3.18    | 1.67   |
| Solyc12g0 | 0.55  | 0.40  | 0.26  | 0.94  | 0.98  | 1.17  | 0.39    | -1.35  |
| Solyc01g0 | 0     | 0.09  | 0.14  | 0.71  | 0.66  | 0.49  | 0.12    | -3.03  |
| Solyc01g1 | 0.40  | 0.50  | 0.66  | 1.15  | 1.06  | 1.13  | 0.47    | -1.09  |
| Solyc03g0 | 0     | 0     | 0     | 0.34  | 0.09  | 0.27  | 0.00    | -11.19 |
| Solyc07g0 | 1.89  | 1.20  | 1.03  | 0.66  | 0.48  | 0.57  | 2.42    | 1.27   |
| Solyc11g0 | 19.05 | 19.41 | 19.97 | 0.45  | 0     | 0     | 131.23  | 7.04   |
| Solyc05g0 | 0.41  | 0.25  | 0.28  | 0.75  | 0.75  | 0.57  | 0.46    | -1.13  |
| Solyc07g0 | 4.23  | 4.17  | 2.43  | 0.25  | 0     | 0     | 42.77   | 5.42   |
| Solyc08g0 | 1.06  | 0.97  | 1.14  | 0.53  | 0.44  | 0.55  | 2.09    | 1.06   |
| Solyc03g1 | 0.17  | 0.32  | 0     | 0.95  | 0.85  | 1.53  | 0.15    | -2.75  |
| Solyc06g0 | 0.56  | 0.44  | 0.40  | 0.05  | 0     | 0.15  | 6.96    | 2.80   |
| Solyc02g0 | 0.23  | 0.36  | 0.16  | 0.04  | 0     | 0     | 19.14   | 4.26   |
| Solyc07g0 | 0.29  | 0.54  | 0.58  | 1.41  | 1.03  | 1.12  | 0.40    | -1.33  |
| Solyc10g0 | 0.08  | 0.04  | 0.08  | 0     | 0     | 0     | 683.10  | 9.42   |
| Solyc03g1 | 0.22  | 0.11  | 0.18  | 0.02  | 0.06  | 0     | 6.23    | 2.64   |
| Solyc03g0 | 0.30  | 0.28  | 0.21  | 0     | 0     | 0     | 2638.78 | 11.37  |
| Solyc09g0 | 0     | 0     | 0     | 0.09  | 0.08  | 0.10  | 0.00    | -9.78  |
| Solyc08g0 | 0.06  | 0.03  | 0.04  | 0     | 0     | 0     | 451.28  | 8.82   |
| Solyc03g1 | 0     | 0     | 0.16  | 1.44  | 2.65  | 1.41  | 0.03    | -5.12  |
| Solyc01g1 | 3.08  | 3.46  | 2.78  | 1.92  | 0.87  | 1.66  | 2.09    | 1.06   |
| Solyc01g0 | 1.18  | 1.95  | 1.76  | 0.85  | 0.98  | 0.51  | 2.10    | 1.07   |
| Solyc07g0 | 0.65  | 0.53  | 0.67  | 0.34  | 0.10  | 0.30  | 2.49    | 1.32   |
| Solyc03g0 | 0.06  | 0.01  | 0.06  | 0.38  | 0.45  | 0.24  | 0.12    | -3.11  |
| Solyc11g0 | 2.01  | 2.11  | 1.75  | 5.38  | 3.23  | 3.70  | 0.48    | -1.07  |
| Solyc05g0 | 0     | 0     | 0     | 0.09  | 0.49  | 0.26  | 0.00    | -11.45 |
| Solyc01g1 | 0.09  | 0.12  | 0.15  | 0     | 0     | 0     | 1200.14 | 10.23  |
| Solyc02g0 | 1.42  | 1.78  | 1.69  | 5.06  | 3.07  | 3.22  | 0.43    | -1.21  |
| Solyc01g0 | 0.60  | 0.26  | 0.23  | 1.26  | 1.08  | 1.06  | 0.32    | -1.65  |
| Solyc10g0 | 0.19  | 0.08  | 0.25  | 0.64  | 0.61  | 0.79  | 0.25    | -1.99  |
| Solyc03g0 | 0.79  | 0.82  | 1.15  | 2.32  | 2.35  | 1.56  | 0.44    | -1.17  |
| Solyc02g0 | 0.21  | 0.12  | 0.10  | 0     | 0     | 0     | 1446.12 | 10.50  |

|           |       |       |       |       |       |       |         |        |
|-----------|-------|-------|-------|-------|-------|-------|---------|--------|
| Solyc04g0 | 14.44 | 11.29 | 13.04 | 1.58  | 0     | 0.56  | 18.06   | 4.17   |
| Solyc04g0 | 0.06  | 0.06  | 0     | 0.29  | 0.35  | 0.34  | 0.12    | -3.03  |
| Solyc03g1 | 0.02  | 0     | 0     | 0.11  | 0.15  | 0.09  | 0.06    | -4.15  |
| Solyc10g0 | 0     | 0     | 0.02  | 0.32  | 0.43  | 0.26  | 0.02    | -5.93  |
| Solyc08g0 | 0.59  | 0.75  | 0.44  | 0.15  | 0.13  | 0.27  | 3.18    | 1.67   |
| Solyc07g0 | 0.17  | 0.12  | 0.17  | 0     | 0.03  | 0.02  | 9.07    | 3.18   |
| Solyc06g0 | 0.85  | 0.82  | 0.98  | 0.09  | 0     | 0.09  | 15.51   | 3.95   |
| Solyc12g0 | 0     | 0     | 0     | 1.01  | 0.92  | 0.90  | 0.00    | -13.20 |
| Solyc03g0 | 0.21  | 0.22  | 0.54  | 0     | 0     | 0     | 3218.95 | 11.65  |
| Solyc01g0 | 0     | 0     | 0     | 0.04  | 0.19  | 0.10  | 0.00    | -10.07 |
| Solyc09g0 | 1.35  | 2.34  | 1.74  | 1.24  | 0.53  | 0.60  | 2.29    | 1.20   |
| Solyc07g0 | 1.97  | 1.32  | 1.16  | 0.77  | 0.30  | 0.37  | 3.11    | 1.64   |
| Solyc12g0 | 0.98  | 0.86  | 1.01  | 0.46  | 0.26  | 0.05  | 3.66    | 1.87   |
| Solyc01g1 | 1.36  | 1.37  | 2.06  | 0.09  | 0.17  | 0     | 18.01   | 4.17   |
| Solyc09g0 | 0.06  | 0.02  | 0.06  | 0     | 0     | 0     | 461.50  | 8.85   |
| Solyc11g0 | 0     | 0     | 0     | 0.05  | 0.11  | 0.02  | 0.00    | -9.24  |
| ENSRNAC   | 13.14 | 10.73 | 13.38 | 8.24  | 4.69  | 3.84  | 2.22    | 1.15   |
| Solyc11g0 | 1.80  | 1.38  | 1.37  | 3.35  | 3.98  | 3.66  | 0.41    | -1.27  |
| Solyc12g0 | 0     | 0     | 0     | 0.05  | 0.18  | 0.06  | 0.00    | -9.92  |
| Solyc01g0 | 0.11  | 0.18  | 0.12  | 0.03  | 0.03  | 0     | 6.82    | 2.77   |
| Solyc01g1 | 0.38  | 0.65  | 0.63  | 0.19  | 0.22  | 0.10  | 3.24    | 1.69   |
| Solyc07g0 | 0.07  | 0.06  | 0.09  | 0     | 0     | 0     | 714.98  | 9.48   |
| Solyc06g0 | 0.12  | 0.23  | 0.23  | 0.46  | 0.80  | 0.49  | 0.32    | -1.62  |
| Solyc07g0 | 1.48  | 0.89  | 1.50  | 0.61  | 0.56  | 0.77  | 2.01    | 1.01   |
| Solyc09g0 | 0.50  | 0.38  | 0.26  | 0.06  | 0.13  | 0     | 5.86    | 2.55   |
| Solyc11g0 | 0.17  | 0.19  | 0     | 1.06  | 1.31  | 1.16  | 0.10    | -3.29  |
| Solyc03g0 | 1.26  | 0.91  | 0.89  | 6.75  | 2.28  | 4.13  | 0.23    | -2.10  |
| Solyc04g0 | 0.12  | 0.08  | 0.07  | 0.48  | 0.42  | 0.34  | 0.22    | -2.21  |
| Solyc02g0 | 0.04  | 0.06  | 0.05  | 0.26  | 0.32  | 0.35  | 0.17    | -2.58  |
| Solyc10g0 | 0.39  | 0.46  | 0.55  | 0.17  | 0.18  | 0.18  | 2.60    | 1.38   |
| Solyc04g0 | 0.58  | 0.75  | 0.73  | 0.13  | 0.49  | 0.22  | 2.47    | 1.30   |
| Solyc12g0 | 0.94  | 1.00  | 0.95  | 2.51  | 2.24  | 1.43  | 0.47    | -1.09  |
| Solyc10g0 | 1.99  | 1.91  | 1.90  | 1.34  | 0.62  | 0.69  | 2.19    | 1.13   |
| Solyc09g0 | 0.73  | 0.90  | 0.97  | 0.35  | 0.15  | 0.41  | 2.86    | 1.51   |
| Solyc08g0 | 0.13  | 0.17  | 0.32  | 0.39  | 0.80  | 0.60  | 0.34    | -1.54  |
| Solyc07g0 | 0.02  | 0.05  | 0.04  | 0     | 0     | 0     | 401.43  | 8.65   |
| Solyc05g0 | 0.09  | 0.05  | 0.06  | 0     | 0     | 0     | 668.09  | 9.38   |
| Solyc02g0 | 0.38  | 0.61  | 0.35  | 0.10  | 0     | 0     | 13.99   | 3.81   |
| Solyc12g0 | 0     | 0.12  | 0     | 0.95  | 0.64  | 1.48  | 0.04    | -4.72  |
| Solyc01g1 | 0.24  | 0.44  | 0.16  | 0.74  | 1.01  | 0.91  | 0.32    | -1.66  |
| Solyc12g0 | 0.33  | 1.08  | 0.38  | 0     | 0     | 0     | 5955.60 | 12.54  |
| Solyc04g0 | 0.49  | 0.66  | 0.87  | 0.30  | 0.26  | 0.29  | 2.38    | 1.25   |
| Solyc04g0 | 0     | 0     | 0.02  | 0.10  | 0.11  | 0.18  | 0.06    | -3.97  |
| Solyc01g0 | 1.18  | 1.03  | 0.58  | 1.65  | 2.75  | 2.71  | 0.39    | -1.36  |
| Solyc04g0 | 0.09  | 0.10  | 0.18  | 0     | 0     | 0     | 1227.78 | 10.26  |
| Solyc06g0 | 0.89  | 0.53  | 0.64  | 0.22  | 0     | 0     | 9.44    | 3.24   |
| Solyc06g0 | 0     | 0.06  | 0     | 1.15  | 0.20  | 0.52  | 0.03    | -4.93  |
| ENSRNAC   | 13.17 | 12.20 | 12.16 | 24.39 | 21.59 | 30.06 | 0.49    | -1.02  |
| Solyc01g0 | 0.36  | 0.24  | 0.28  | 0.79  | 0.67  | 0.63  | 0.42    | -1.24  |
| Solyc12g0 | 0.60  | 0.47  | 0.67  | 0.06  | 0     | 0.08  | 12.70   | 3.67   |
| Solyc09g0 | 0.46  | 0.55  | 0.53  | 0.04  | 0.21  | 0.22  | 3.37    | 1.75   |

|           |       |       |       |       |       |       |         |        |
|-----------|-------|-------|-------|-------|-------|-------|---------|--------|
| Solyc08g0 | 0.44  | 0.48  | 0.35  | 0.23  | 0.04  | 0.10  | 3.40    | 1.77   |
| ENSRNA(   | 2.15  | 1.43  | 1.70  | 0.67  | 0.82  | 0.91  | 2.19    | 1.13   |
| Solyc07g0 | 0.24  | 0.22  | 0.32  | 0.11  | 0.12  | 0.10  | 2.39    | 1.26   |
| Solyc09g0 | 0.66  | 0.62  | 0.90  | 1.30  | 1.53  | 1.56  | 0.50    | -1.01  |
| Solyc04g0 | 0     | 0     | 0     | 0.21  | 0.16  | 0.19  | 0.00    | -10.87 |
| Solyc05g0 | 0.30  | 0.21  | 0.26  | 0.08  | 0     | 0     | 9.14    | 3.19   |
| Solyc08g0 | 0.51  | 0.68  | 0.64  | 0.12  | 0     | 0     | 14.97   | 3.90   |
| Solyc11g0 | 3.70  | 3.56  | 3.23  | 0.16  | 0     | 0     | 64.14   | 6.00   |
| Solyc01g0 | 0.12  | 0.05  | 0.26  | 0.98  | 0.48  | 0.63  | 0.21    | -2.28  |
| Solyc02g0 | 0     | 0.04  | 0     | 0.10  | 0.21  | 0.37  | 0.06    | -4.15  |
| ENSRNA(   | 2.22  | 1.92  | 1.81  | 4.03  | 6.96  | 5.90  | 0.35    | -1.51  |
| Solyc02g0 | 21.63 | 23.40 | 19.98 | 45.00 | 29.10 | 56.33 | 0.50    | -1.00  |
| Solyc11g0 | 0.16  | 0.32  | 0.27  | 0.05  | 0.05  | 0.05  | 5.06    | 2.34   |
| Solyc01g1 | 0     | 0     | 0     | 0.11  | 0.03  | 0.03  | 0.00    | -9.07  |
| Solyc03g0 | 0     | 0     | 0     | 0.05  | 0.08  | 0.05  | 0.00    | -9.17  |
| Solyc08g0 | 1.40  | 1.46  | 1.17  | 2.81  | 2.80  | 3.74  | 0.43    | -1.21  |
| Solyc05g0 | 0.41  | 0.38  | 0.70  | 0.11  | 0.19  | 0.17  | 3.21    | 1.68   |
| Solyc10g0 | 0     | 0     | 0.01  | 0.15  | 0.15  | 0.06  | 0.02    | -5.79  |
| Solyc02g0 | 0.78  | 0.97  | 0.54  | 0.34  | 0.28  | 0.43  | 2.19    | 1.13   |
| Solyc11g0 | 0.46  | 0.40  | 0.14  | 0.96  | 1.88  | 2.35  | 0.19    | -2.38  |
| Solyc03g0 | 0     | 0     | 0     | 0.53  | 0.29  | 0.54  | 0.00    | -12.14 |
| Solyc06g0 | 0.40  | 0.52  | 0.32  | 0.08  | 0     | 0     | 15.65   | 3.97   |
| Solyc04g0 | 0.54  | 0.81  | 0.42  | 1.56  | 1.75  | 1.26  | 0.39    | -1.37  |
| Solyc07g0 | 0.07  | 0.08  | 0.08  | 0.28  | 0.25  | 0.32  | 0.27    | -1.87  |
| Solyc01g1 | 0.52  | 0.36  | 0.39  | 1.40  | 3.30  | 2.55  | 0.17    | -2.52  |
| Solyc02g0 | 0.35  | 0.22  | 0.18  | 0     | 0     | 0     | 2517.91 | 11.30  |
| Solyc06g0 | 0.36  | 0.21  | 0.43  | 0.05  | 0.11  | 0.15  | 3.28    | 1.71   |
| Solyc06g0 | 2.73  | 2.98  | 2.23  | 1.20  | 0.91  | 0.66  | 2.87    | 1.52   |
| Solyc01g0 | 0.05  | 0.05  | 0.09  | 0     | 0     | 0     | 626.38  | 9.29   |
| ENSRNA(   | 1.90  | 1.43  | 2.13  | 0.77  | 0.32  | 0.48  | 3.47    | 1.79   |
| Solyc01g0 | 0.04  | 0.12  | 0.11  | 0     | 0     | 0     | 902.52  | 9.82   |
| Solyc01g0 | 2.11  | 2.39  | 2.52  | 4.55  | 6.31  | 4.52  | 0.46    | -1.13  |
| Solyc02g0 | 0.25  | 0.20  | 0.25  | 0     | 0.07  | 0.03  | 7.09    | 2.83   |
| Solyc06g0 | 0     | 0     | 0     | 0.05  | 0.15  | 0.04  | 0.00    | -9.64  |
| Solyc01g1 | 0.45  | 0.33  | 0.42  | 0.18  | 0.21  | 0.11  | 2.41    | 1.27   |
| Solyc07g0 | 1.26  | 0.66  | 1.74  | 2.30  | 4.16  | 3.23  | 0.38    | -1.40  |
| Solyc05g0 | 1.23  | 1.14  | 1.47  | 2.89  | 2.94  | 2.42  | 0.47    | -1.10  |
| Solyc01g0 | 0.24  | 0.19  | 0.09  | 0     | 0.04  | 0     | 13.05   | 3.71   |
| Solyc11g0 | 2.06  | 1.78  | 2.05  | 0.13  | 0     | 0     | 45.49   | 5.51   |
| Solyc09g0 | 0.08  | 0.13  | 0.11  | 0.36  | 0.32  | 0.22  | 0.35    | -1.53  |
| Solyc01g0 | 0.99  | 0.90  | 0.74  | 1.41  | 1.93  | 2.13  | 0.48    | -1.06  |
| Solyc05g0 | 0.51  | 0.88  | 1.19  | 0     | 0.11  | 0.15  | 9.58    | 3.26   |
| Solyc06g0 | 1.22  | 1.19  | 0.96  | 2.70  | 2.44  | 2.32  | 0.45    | -1.14  |
| Solyc07g0 | 0     | 0     | 0     | 0.30  | 0.27  | 0.08  | 0.00    | -11.10 |
| Solyc06g0 | 0.15  | 0.13  | 0.11  | 0.04  | 0     | 0     | 8.85    | 3.15   |
| Solyc02g0 | 1.04  | 0.27  | 0.50  | 0.16  | 0     | 0     | 11.00   | 3.46   |
| Solyc02g0 | 1.36  | 0.99  | 1.00  | 2.59  | 2.36  | 3.25  | 0.41    | -1.29  |
| Solyc02g0 | 0.70  | 0.61  | 0.45  | 1.19  | 1.23  | 1.17  | 0.49    | -1.02  |
| Solyc07g0 | 0.98  | 1.25  | 1.10  | 2.75  | 2.30  | 2.56  | 0.44    | -1.19  |
| Solyc09g0 | 5.74  | 5.23  | 5.62  | 0.23  | 0     | 0     | 73.03   | 6.19   |
| Solyc12g0 | 0.23  | 0.35  | 0.14  | 1.82  | 1.10  | 1.58  | 0.16    | -2.65  |

|           |      |      |      |      |      |      |         |        |
|-----------|------|------|------|------|------|------|---------|--------|
| Solyc05g0 | 0.74 | 0.57 | 0.26 | 0.11 | 0.24 | 0.07 | 3.77    | 1.92   |
| Solyc06g0 | 0.61 | 0.23 | 0.45 | 0.82 | 1.36 | 1.25 | 0.38    | -1.41  |
| Solyc02g0 | 0    | 0.04 | 0    | 0.23 | 0.27 | 0.13 | 0.07    | -3.88  |
| Solyc03g0 | 2.15 | 1.38 | 1.84 | 1.14 | 0.75 | 0.57 | 2.19    | 1.13   |
| Solyc06g0 | 0.59 | 0.99 | 0.71 | 1.49 | 1.88 | 1.73 | 0.45    | -1.16  |
| Solyc10g0 | 0.25 | 0.15 | 0.08 | 0.60 | 0.48 | 0.76 | 0.26    | -1.94  |
| Solyc06g0 | 0.03 | 0.03 | 0.07 | 0    | 0    | 0    | 458.70  | 8.84   |
| Solyc09g0 | 0.32 | 0.72 | 0.35 | 1.31 | 1.73 | 1.60 | 0.30    | -1.74  |
| Solyc08g0 | 0.18 | 0.26 | 0.43 | 0    | 0.12 | 0.02 | 6.46    | 2.69   |
| Solyc11g0 | 0.61 | 0.39 | 0.37 | 0.20 | 0.16 | 0.28 | 2.15    | 1.10   |
| Solyc09g0 | 0    | 0    | 0.03 | 0.28 | 0.13 | 0.17 | 0.06    | -4.10  |
| Solyc08g0 | 0.42 | 0.14 | 0.58 | 0.09 | 0    | 0    | 13.23   | 3.73   |
| Solyc11g0 | 1.12 | 1.11 | 1.46 | 2.65 | 3.52 | 3.40 | 0.39    | -1.37  |
| Solyc03g0 | 0    | 0    | 0    | 0.38 | 0.21 | 0.23 | 0.00    | -11.43 |
| Solyc08g0 | 0.18 | 0.18 | 0.30 | 0.07 | 0.09 | 0.10 | 2.56    | 1.36   |
| Solyc02g0 | 0.10 | 0.45 | 0.63 | 0.07 | 0    | 0    | 15.79   | 3.98   |
| Solyc10g0 | 0.41 | 0.37 | 0.10 | 0    | 0    | 0    | 2935.96 | 11.52  |
| Solyc03g0 | 0    | 0    | 0    | 0.95 | 0.41 | 0.70 | 0.00    | -12.74 |
| Solyc07g0 | 1.35 | 0.81 | 0.84 | 1.65 | 2.00 | 2.41 | 0.50    | -1.01  |
| Solyc01g0 | 0    | 0    | 0    | 0.05 | 0.08 | 0.05 | 0.00    | -9.25  |
| Solyc11g0 | 0.40 | 0.62 | 0.75 | 0.07 | 0.13 | 0.06 | 6.88    | 2.78   |
| Solyc07g0 | 0.19 | 0.24 | 0.27 | 0.08 | 0.04 | 0.13 | 2.77    | 1.47   |
| Solyc04g0 | 0    | 0.16 | 0    | 0.72 | 0.70 | 0.59 | 0.08    | -3.62  |
| Solyc04g0 | 0.23 | 0.37 | 0.12 | 0    | 0.07 | 0    | 9.75    | 3.29   |
| Solyc03g0 | 1.11 | 1.93 | 1.01 | 4.46 | 4.35 | 2.34 | 0.36    | -1.46  |
| Solyc01g0 | 0.09 | 0.16 | 0.15 | 0.30 | 0.32 | 0.33 | 0.42    | -1.24  |
| Solyc03g0 | 0.62 | 0.55 | 0.49 | 0.14 | 0.16 | 0.36 | 2.51    | 1.33   |
| Solyc07g0 | 0    | 0    | 0    | 2.15 | 0.34 | 0.93 | 0.00    | -13.48 |
| Solyc08g0 | 0.08 | 0.03 | 0    | 0.22 | 0.35 | 0.32 | 0.13    | -2.97  |
| Solyc12g0 | 0    | 0    | 0    | 0.04 | 0.12 | 0.13 | 0.00    | -9.95  |
| Solyc07g0 | 0.15 | 0.23 | 0.27 | 0    | 0.03 | 0.08 | 5.84    | 2.55   |
| Solyc07g0 | 1.62 | 1.68 | 1.46 | 3.84 | 3.08 | 3.54 | 0.46    | -1.13  |
| Solyc02g0 | 0.15 | 0.06 | 0.24 | 0    | 0    | 0    | 1506.28 | 10.56  |
| Solyc12g0 | 0.71 | 0.77 | 0.60 | 0.09 | 0.37 | 0.19 | 3.20    | 1.68   |
| Solyc01g0 | 0.08 | 0.10 | 0.04 | 0.23 | 0.25 | 0.18 | 0.34    | -1.54  |
| Solyc03g0 | 0.02 | 0.10 | 0.07 | 0    | 0    | 0    | 627.68  | 9.29   |
| Solyc11g0 | 0.12 | 0.04 | 0    | 0.59 | 0.47 | 0.73 | 0.09    | -3.49  |
| Solyc09g0 | 1.88 | 1.23 | 2.16 | 1.02 | 0.58 | 0.94 | 2.07    | 1.05   |
| Solyc08g0 | 0.63 | 0.55 | 1.04 | 0.27 | 0.46 | 0.34 | 2.07    | 1.05   |
| Solyc11g0 | 0.02 | 0    | 0    | 0.37 | 0.27 | 0.19 | 0.03    | -5.20  |
| Solyc06g0 | 0.63 | 0.72 | 0.43 | 0.08 | 0.07 | 0.15 | 5.98    | 2.58   |
| Solyc05g0 | 0.04 | 0.05 | 0    | 0.18 | 0.23 | 0.19 | 0.14    | -2.79  |
| Solyc06g0 | 0.67 | 0.84 | 0.39 | 0.06 | 0    | 0    | 32.34   | 5.02   |
| Solyc07g0 | 0.42 | 0.49 | 0.55 | 0.12 | 0.30 | 0.19 | 2.40    | 1.26   |
| Solyc02g0 | 0.32 | 0.22 | 0.29 | 0.56 | 0.54 | 0.63 | 0.48    | -1.07  |
| Solyc08g0 | 0.10 | 0.07 | 0.05 | 0.02 | 0    | 0    | 12.03   | 3.59   |
| Solyc06g0 | 0.28 | 0.13 | 0.21 | 0    | 0.06 | 0    | 10.22   | 3.35   |
| Solyc01g0 | 2.17 | 2.41 | 1.37 | 4.86 | 4.91 | 5.99 | 0.38    | -1.41  |
| Solyc04g0 | 1.21 | 1.33 | 1.59 | 0    | 0.41 | 0    | 10.10   | 3.34   |
| Solyc04g0 | 1.24 | 0.96 | 0.73 | 0.42 | 0.15 | 0    | 5.19    | 2.37   |
| Solyc03g0 | 0.41 | 0.31 | 0.34 | 0    | 0.05 | 0.05 | 11.56   | 3.53   |

|           |       |       |       |      |      |       |         |        |
|-----------|-------|-------|-------|------|------|-------|---------|--------|
| Solyc02g0 | 0     | 0     | 0     | 0.52 | 0.67 | 0.43  | 0.00    | -12.40 |
| Solyc05g0 | 0.37  | 0.60  | 0.56  | 1.12 | 1.09 | 0.87  | 0.50    | -1.01  |
| Solyc09g0 | 0.20  | 0.10  | 0.27  | 0    | 0    | 0     | 1910.72 | 10.90  |
| Solyc07g0 | 2.01  | 1.47  | 2.07  | 3.24 | 5.14 | 2.96  | 0.49    | -1.03  |
| Solyc08g0 | 0.04  | 0.11  | 0.14  | 0.01 | 0.02 | 0     | 9.19    | 3.20   |
| Solyc04g0 | 0.10  | 0.26  | 0.17  | 0.05 | 0.02 | 0     | 7.72    | 2.95   |
| Solyc08g0 | 0.85  | 0.85  | 0.66  | 0.23 | 0.14 | 0.34  | 3.32    | 1.73   |
| Solyc12g0 | 0.07  | 0.04  | 0     | 0    | 0    | 0     | 369.30  | 8.53   |
| Solyc11g0 | 0.15  | 0     | 0     | 1.58 | 0.50 | 0.93  | 0.05    | -4.33  |
| Solyc09g0 | 0     | 0     | 0     | 0.01 | 0.08 | 0.05  | 0.00    | -8.88  |
| Solyc03g1 | 1.04  | 0.50  | 1.33  | 3.14 | 2.12 | 3.78  | 0.32    | -1.65  |
| Solyc02g0 | 1.75  | 1.93  | 1.50  | 4.99 | 3.13 | 6.40  | 0.36    | -1.49  |
| Solyc01g0 | 4.51  | 3.83  | 3.75  | 7.60 | 5.92 | 11.86 | 0.48    | -1.07  |
| Solyc11g0 | 0.18  | 0.21  | 0.54  | 1.02 | 2.08 | 0.77  | 0.24    | -2.07  |
| Solyc02g0 | 0.08  | 0.04  | 0.05  | 0    | 0    | 0     | 574.97  | 9.17   |
| Solyc01g0 | 0.21  | 0.15  | 0.11  | 0    | 0    | 0     | 1566.92 | 10.61  |
| Solyc09g0 | 0.22  | 0.17  | 0.07  | 0.61 | 0.76 | 0.92  | 0.20    | -2.33  |
| Solyc03g1 | 3.37  | 3.04  | 3.32  | 2.17 | 1.52 | 0.97  | 2.09    | 1.06   |
| Solyc08g0 | 0.10  | 0.27  | 0.08  | 0    | 0    | 0     | 1537.41 | 10.59  |
| Solyc02g0 | 0.77  | 1.36  | 1.11  | 0.09 | 0    | 0     | 34.22   | 5.10   |
| Solyc09g0 | 0.19  | 0.12  | 0.12  | 0.40 | 0.54 | 0.38  | 0.34    | -1.58  |
| Solyc02g0 | 0.26  | 0.11  | 0.14  | 0.05 | 0.02 | 0.04  | 4.91    | 2.30   |
| Solyc08g0 | 0.35  | 0.34  | 0.34  | 0    | 0.08 | 0.12  | 5.12    | 2.36   |
| Solyc01g0 | 0.05  | 0.06  | 0.06  | 0    | 0    | 0     | 550.66  | 9.11   |
| Solyc07g0 | 1.62  | 1.09  | 1.63  | 3.52 | 3.30 | 2.63  | 0.46    | -1.12  |
| Solyc11g0 | 0     | 0     | 0     | 0.75 | 0.70 | 0.53  | 0.00    | -12.69 |
| Solyc11g0 | 0.09  | 0.14  | 0.09  | 0.27 | 0.51 | 0.71  | 0.22    | -2.19  |
| Solyc11g0 | 14.14 | 12.86 | 13.99 | 0.35 | 0    | 0     | 116.23  | 6.86   |
| Solyc07g0 | 0.04  | 0.01  | 0.06  | 0    | 0    | 0     | 383.57  | 8.58   |
| Solyc09g0 | 0.34  | 0.19  | 0.29  | 0.78 | 1.29 | 0.40  | 0.34    | -1.57  |
| Solyc01g0 | 0     | 0.09  | 0     | 0.29 | 0.31 | 0.43  | 0.08    | -3.58  |
| Solyc06g0 | 1.28  | 1.32  | 1.19  | 0.92 | 0.23 | 0.37  | 2.48    | 1.31   |
| Solyc03g1 | 0.05  | 0.04  | 0.02  | 0    | 0    | 0     | 356.83  | 8.48   |
| Solyc09g0 | 0.18  | 0.04  | 0.19  | 0    | 0    | 0     | 1380.85 | 10.43  |
| Solyc02g0 | 0.59  | 0.66  | 0.50  | 0.18 | 0.25 | 0.34  | 2.27    | 1.18   |
| Solyc12g0 | 0.21  | 0.12  | 0     | 1.64 | 0.35 | 1.39  | 0.10    | -3.34  |
| Solyc03g0 | 2.08  | 2.22  | 2.18  | 4.32 | 6.01 | 3.88  | 0.46    | -1.13  |
| Solyc03g1 | 0.35  | 0.53  | 0.39  | 0    | 0    | 0     | 4226.00 | 12.05  |
| Solyc12g0 | 0     | 0     | 0     | 0.38 | 0.36 | 0.15  | 0.00    | -11.51 |
| Solyc03g1 | 0.59  | 0.91  | 0.70  | 0.20 | 0.05 | 0.13  | 5.76    | 2.53   |
| Solyc03g0 | 0.27  | 0.26  | 0.47  | 0.09 | 0    | 0     | 11.28   | 3.50   |
| Solyc02g0 | 0.72  | 0.72  | 0.67  | 0    | 0.19 | 0.30  | 4.31    | 2.11   |
| Solyc09g0 | 0     | 0     | 0     | 0.22 | 0.17 | 0.36  | 0.00    | -11.29 |
| Solyc12g0 | 0.40  | 0.43  | 0     | 2.03 | 0.97 | 1.95  | 0.17    | -2.58  |
| Solyc01g0 | 4.05  | 3.85  | 4.16  | 0.54 | 0    | 0.09  | 19.06   | 4.25   |
| Solyc10g0 | 0.18  | 0.17  | 0.03  | 0.91 | 1.55 | 0.64  | 0.12    | -3.03  |
| Solyc04g0 | 2.40  | 1.41  | 1.60  | 0.16 | 0    | 0     | 32.87   | 5.04   |
| Solyc11g0 | 0.09  | 0.05  | 0.16  | 0.50 | 0.44 | 0.33  | 0.23    | -2.09  |
| Solyc11g0 | 0.84  | 0.81  | 0.62  | 1.31 | 1.91 | 1.62  | 0.47    | -1.09  |
| Solyc06g0 | 0     | 0     | 0.02  | 0.06 | 0.04 | 0.16  | 0.07    | -3.77  |
| Solyc09g0 | 0.46  | 0.48  | 0.31  | 0.78 | 0.81 | 0.97  | 0.49    | -1.03  |

|           |      |      |      |      |      |      |         |        |
|-----------|------|------|------|------|------|------|---------|--------|
| Solyc06g0 | 1.18 | 1.01 | 0.88 | 2.73 | 1.79 | 2.70 | 0.43    | -1.23  |
| Solyc02g0 | 0.78 | 0.77 | 0.63 | 1.15 | 1.57 | 1.75 | 0.49    | -1.03  |
| Solyc04g0 | 0    | 0.27 | 0.06 | 0.89 | 1.43 | 0.75 | 0.10    | -3.25  |
| Solyc03g0 | 0.23 | 0    | 0.09 | 0.51 | 0.76 | 1.24 | 0.13    | -3.00  |
| Solyc06g0 | 0.02 | 0.08 | 0.09 | 0    | 0    | 0    | 659.59  | 9.37   |
| Solyc01g1 | 0.78 | 0.49 | 1.08 | 0.28 | 0.38 | 0.19 | 2.76    | 1.46   |
| Solyc02g0 | 0.44 | 0.20 | 0.21 | 0.55 | 1.02 | 0.83 | 0.35    | -1.51  |
| Solyc03g0 | 0.02 | 0.03 | 0.03 | 0    | 0    | 0    | 250.09  | 7.97   |
| Solyc08g0 | 0.61 | 0.39 | 0.22 | 0.16 | 0.10 | 0.10 | 3.29    | 1.72   |
| Solyc09g0 | 0.08 | 0    | 0.08 | 0    | 0    | 0    | 529.32  | 9.05   |
| Solyc07g0 | 0.01 | 0    | 0.01 | 0.05 | 0.08 | 0.06 | 0.11    | -3.12  |
| Solyc06g0 | 1.23 | 0.66 | 1.07 | 2.24 | 2.24 | 1.60 | 0.49    | -1.03  |
| Solyc07g0 | 0.08 | 0.09 | 0.11 | 0.03 | 0    | 0    | 11.18   | 3.48   |
| Solyc07g0 | 0.12 | 0.12 | 0.15 | 0.27 | 0.58 | 0.39 | 0.31    | -1.68  |
| Solyc12g0 | 0.14 | 0.11 | 0.07 | 0    | 0    | 0    | 1055.85 | 10.04  |
| Solyc03g0 | 2.88 | 1.98 | 2.15 | 0.29 | 0.61 | 0.79 | 4.12    | 2.04   |
| Solyc10g0 | 0    | 0.06 | 0    | 0.25 | 0.19 | 0.36 | 0.07    | -3.77  |
| Solyc06g0 | 0    | 0    | 0    | 0.37 | 0    | 0.21 | 0.00    | -10.90 |
| Solyc03g0 | 0.80 | 1.03 | 1.32 | 0.57 | 0.65 | 0.34 | 2.01    | 1.01   |
| Solyc02g0 | 0.02 | 0.05 | 0.02 | 0    | 0    | 0    | 301.93  | 8.24   |
| Solyc07g0 | 0.01 | 0.02 | 0.02 | 0    | 0    | 0    | 159.10  | 7.31   |
| Solyc08g0 | 0.32 | 0.30 | 0.42 | 0.60 | 0.81 | 0.98 | 0.44    | -1.20  |
| Solyc06g0 | 0.39 | 0.38 | 0.33 | 0.99 | 0.68 | 0.70 | 0.46    | -1.11  |
| Solyc01g0 | 0.47 | 0.24 | 0.29 | 0.58 | 0.93 | 1.20 | 0.37    | -1.43  |
| Solyc07g0 | 0.10 | 0.09 | 0    | 0.31 | 0.21 | 0.48 | 0.19    | -2.41  |
| Solyc03g0 | 0    | 0    | 0    | 0.11 | 0    | 0.33 | 0.00    | -10.51 |
| Solyc02g0 | 0.25 | 0.13 | 0.11 | 0.34 | 0.54 | 0.53 | 0.35    | -1.51  |
| Solyc05g0 | 0    | 0    | 0    | 0.08 | 0.06 | 0.15 | 0.00    | -9.92  |
| Solyc10g0 | 0    | 0.12 | 0    | 0.42 | 0.32 | 0.48 | 0.10    | -3.35  |
| Solyc06g0 | 0.81 | 0.91 | 0.63 | 1.71 | 1.74 | 1.77 | 0.45    | -1.15  |
| Solyc08g0 | 0    | 0.18 | 0    | 0.89 | 0.74 | 0.80 | 0.07    | -3.74  |
| Solyc08g0 | 0.04 | 0    | 0.04 | 0.49 | 0.18 | 0.52 | 0.06    | -3.96  |
| Solyc03g0 | 0.14 | 0.08 | 0    | 0    | 0    | 0    | 748.45  | 9.55   |
| Solyc02g0 | 1.48 | 1.78 | 0.66 | 2.38 | 3.77 | 3.24 | 0.42    | -1.26  |
| Solyc05g0 | 0.91 | 0.99 | 1.24 | 0.41 | 0    | 0    | 7.65    | 2.94   |
| Solyc11g0 | 0.03 | 0    | 0.02 | 0.08 | 0.37 | 0.17 | 0.09    | -3.52  |
| Solyc02g0 | 0    | 0    | 0    | 0.21 | 0.55 | 0.43 | 0.00    | -11.95 |
| Solyc11g0 | 1.03 | 0.61 | 0.59 | 2.00 | 1.64 | 1.20 | 0.46    | -1.12  |
| Solyc01g0 | 0.02 | 0.02 | 0.08 | 0    | 0    | 0    | 392.54  | 8.62   |
| Solyc01g1 | 0    | 0    | 0.07 | 0.27 | 0.25 | 0.41 | 0.08    | -3.63  |
| Solyc09g0 | 0    | 0    | 0    | 0.25 | 0.26 | 0.15 | 0.00    | -11.10 |
| Solyc01g0 | 0.31 | 0.10 | 0.08 | 0.65 | 0.58 | 0.82 | 0.24    | -2.09  |
| Solyc01g0 | 0    | 0    | 0    | 0    | 0.19 | 0.07 | 0.00    | -9.77  |
| Solyc02g0 | 0.30 | 0.03 | 0.12 | 0    | 0    | 0    | 1487.90 | 10.54  |
| ENSRNA(   | 0.15 | 0    | 0.21 | 1.11 | 1.78 | 1.14 | 0.09    | -3.50  |
| Solyc08g0 | 0.06 | 0.06 | 0.07 | 0    | 0    | 0    | 599.38  | 9.23   |
| Solyc02g0 | 0.40 | 0.45 | 0.51 | 1.00 | 1.24 | 0.77 | 0.45    | -1.16  |
| Solyc06g0 | 0.10 | 0.12 | 0.05 | 0.02 | 0    | 0    | 13.67   | 3.77   |
| Solyc10g0 | 0.07 | 0    | 0    | 0.49 | 0.37 | 0.46 | 0.06    | -4.16  |
| Solyc11g0 | 0.67 | 1.37 | 0.76 | 0.18 | 0    | 0    | 15.49   | 3.95   |
| Solyc09g0 | 2.26 | 1.83 | 2.23 | 5.11 | 3.43 | 5.13 | 0.46    | -1.11  |

|           |      |      |      |      |      |      |         |        |
|-----------|------|------|------|------|------|------|---------|--------|
| Solyc04g0 | 0.07 | 0.13 | 0.16 | 0.37 | 0.35 | 0.35 | 0.34    | -1.57  |
| Solyc07g0 | 0.07 | 0.08 | 0.08 | 0    | 0    | 0    | 770.05  | 9.59   |
| Solyc01g0 | 0    | 0    | 0.04 | 0.16 | 0.15 | 0.22 | 0.08    | -3.62  |
| Solyc01g0 | 0.14 | 0.30 | 0.26 | 0    | 0    | 0    | 2335.77 | 11.19  |
| Solyc12g0 | 0.12 | 0.21 | 0.12 | 0.06 | 0.03 | 0    | 4.99    | 2.32   |
| Solyc12g1 | 0    | 0    | 0    | 0.09 | 0.06 | 0.13 | 0.00    | -9.86  |
| Solyc02g0 | 0.35 | 0.23 | 0.28 | 0.10 | 0.18 | 0.07 | 2.45    | 1.30   |
| Solyc11g0 | 0    | 0    | 0    | 0.23 | 0.23 | 0.09 | 0.00    | -10.82 |
| Solyc03g0 | 0.39 | 0.32 | 0.34 | 0.75 | 0.76 | 1.18 | 0.39    | -1.35  |
| Solyc02g0 | 0.05 | 0.05 | 0.02 | 0    | 0    | 0    | 412.01  | 8.69   |
| Solyc08g0 | 0.21 | 0.16 | 0.29 | 0.06 | 0.09 | 0    | 4.19    | 2.07   |
| Solyc04g0 | 0.23 | 0    | 0.51 | 0    | 0    | 0    | 2448.95 | 11.26  |
| Solyc04g0 | 0.47 | 0.21 | 0.57 | 0.16 | 0.23 | 0.15 | 2.31    | 1.21   |
| Solyc05g0 | 0.62 | 0.75 | 0.44 | 0.29 | 0.14 | 0.31 | 2.44    | 1.28   |
| Solyc09g0 | 5.60 | 4.79 | 7.60 | 1.14 | 0.21 | 0    | 13.30   | 3.73   |
| Solyc06g0 | 0.15 | 0.11 | 0.16 | 0.39 | 0.22 | 0.60 | 0.35    | -1.52  |
| Solyc01g1 | 0.04 | 0    | 0    | 0.18 | 0.13 | 0.22 | 0.08    | -3.66  |
| Solyc02g0 | 1.37 | 1.58 | 1.21 | 1.92 | 3.89 | 4.47 | 0.40    | -1.31  |
| Solyc06g0 | 0    | 0.44 | 0.35 | 1.47 | 1.42 | 1.34 | 0.19    | -2.41  |
| Solyc02g0 | 0.06 | 0    | 0.06 | 0    | 0    | 0    | 394.05  | 8.62   |
| Solyc02g0 | 1.22 | 1.24 | 2.03 | 0.86 | 0.36 | 0.56 | 2.53    | 1.34   |
| Solyc07g0 | 0.77 | 0.89 | 0.73 | 0.17 | 0    | 0.07 | 9.83    | 3.30   |
| Solyc01g1 | 0.33 | 0.36 | 0.54 | 0.15 | 0.10 | 0.25 | 2.45    | 1.29   |
| Solyc06g0 | 0.40 | 0.50 | 0.24 | 0.06 | 0    | 0    | 17.92   | 4.16   |
| Solyc03g0 | 0.27 | 0.18 | 0.27 | 0.41 | 0.58 | 0.69 | 0.43    | -1.23  |
| Solyc12g0 | 0.13 | 0.22 | 0.14 | 0.03 | 0.05 | 0    | 6.07    | 2.60   |
| Solyc01g0 | 0    | 0    | 0.11 | 0.51 | 0.57 | 0.25 | 0.08    | -3.59  |
| Solyc03g0 | 0    | 0    | 0    | 0    | 0.11 | 0.19 | 0.00    | -9.99  |
| Solyc12g0 | 1.33 | 1.16 | 1.16 | 0.57 | 0.43 | 0.59 | 2.29    | 1.20   |
| Solyc02g0 | 0    | 0.02 | 0    | 0.19 | 0.07 | 0.06 | 0.07    | -3.78  |
| Solyc01g0 | 0    | 0.09 | 0    | 0.62 | 0.54 | 0.84 | 0.05    | -4.42  |
| Solyc09g0 | 1.54 | 1.09 | 1.30 | 0.22 | 0    | 0.17 | 10.24   | 3.36   |
| Solyc11g0 | 0.15 | 0.05 | 0.05 | 0    | 0    | 0    | 814.09  | 9.67   |
| Solyc05g0 | 0.11 | 0.12 | 0.11 | 0.25 | 0.23 | 0.33 | 0.41    | -1.28  |
| Solyc10g0 | 0.78 | 0.74 | 0.76 | 0.32 | 0.45 | 0.28 | 2.16    | 1.11   |
| Solyc03g1 | 0.38 | 0.24 | 0.22 | 0.67 | 0.58 | 0.60 | 0.45    | -1.15  |
| Solyc03g0 | 0.06 | 0.23 | 0.20 | 0.34 | 0.40 | 0.61 | 0.36    | -1.46  |
| Solyc05g0 | 0.09 | 0    | 0    | 0.36 | 0.36 | 0.23 | 0.09    | -3.46  |
| Solyc02g0 | 0.14 | 0.34 | 0.32 | 0.09 | 0    | 0    | 8.45    | 3.08   |
| Solyc01g0 | 0.29 | 0.29 | 0.57 | 0    | 0    | 0    | 3846.31 | 11.91  |
| Solyc02g0 | 0.24 | 0    | 0.18 | 0    | 0    | 0    | 1403.48 | 10.45  |
| Solyc08g0 | 0.13 | 0.25 | 0.30 | 0.12 | 0.09 | 0.06 | 2.51    | 1.33   |
| Solyc02g0 | 0.45 | 0.06 | 0.23 | 0.03 | 0    | 0.07 | 6.79    | 2.76   |
| Solyc09g0 | 0    | 0    | 0    | 0.92 | 0.47 | 0.38 | 0.00    | -12.54 |
| Solyc09g0 | 0    | 0    | 0    | 0.03 | 0.02 | 0.04 | 0.00    | -8.11  |
| Solyc01g1 | 0.59 | 0.35 | 0.48 | 1.17 | 0.93 | 0.88 | 0.47    | -1.07  |
| Solyc12g0 | 0    | 0    | 0    | 0.04 | 0.03 | 0.01 | 0.00    | -8.12  |
| Solyc02g0 | 0    | 0    | 0    | 0.23 | 0.01 | 0.15 | 0.00    | -10.36 |
| Solyc07g0 | 0    | 0    | 0    | 0.03 | 0.02 | 0.01 | 0.01    | -7.50  |
| Solyc04g0 | 0.38 | 0.35 | 0.24 | 0.10 | 0.10 | 0.13 | 2.90    | 1.54   |
| Solyc08g0 | 0.47 | 0.61 | 0.28 | 1.08 | 0.89 | 1.24 | 0.42    | -1.24  |

|           |      |       |       |      |      |      |           |        |
|-----------|------|-------|-------|------|------|------|-----------|--------|
| Solyc01g0 | 0.39 | 0.33  | 0.86  | 0.18 | 0.10 | 0.21 | 3.28      | 1.71   |
| Solyc06g0 | 0.53 | 0.19  | 0.59  | 0.16 | 0    | 0.08 | 5.59      | 2.48   |
| Solyc06g0 | 0.46 | 0.69  | 0.85  | 1.16 | 1.74 | 1.57 | 0.45      | -1.16  |
| Solyc06g0 | 0.25 | 0.44  | 0.34  | 0.62 | 0.84 | 0.86 | 0.44      | -1.17  |
| Solyc06g0 | 0.67 | 0.66  | 0.64  | 0.19 | 0    | 0    | 10.58     | 3.40   |
| Solyc06g0 | 0.32 | 0.12  | 0.15  | 0    | 0    | 0.04 | 13.74     | 3.78   |
| Solyc06g0 | 0    | 0     | 0     | 0.04 | 0.10 | 0.07 | 0.00      | -9.45  |
| Solyc02g0 | 0    | 0.06  | 0     | 0.28 | 0.15 | 0.56 | 0.06      | -4.03  |
| Solyc05g0 | 0.13 | 0     | 0.11  | 0    | 0    | 0    | 768.68    | 9.59   |
| Solyc02g0 | 0    | 15.25 | 17.02 | 0    | 0    | 0    | 107563.96 | 16.71  |
| Solyc05g0 | 4.69 | 4.10  | 5.10  | 0.58 | 0.09 | 0    | 20.56     | 4.36   |
| Solyc07g0 | 0.65 | 0.75  | 0.44  | 0.27 | 0.08 | 0.28 | 2.88      | 1.52   |
| Solyc03g0 | 1.27 | 1.39  | 1.77  | 4.13 | 2.89 | 3.91 | 0.40      | -1.31  |
| Solyc09g0 | 0.13 | 0     | 0.11  | 0    | 0    | 0    | 783.34    | 9.61   |
| Solyc07g0 | 1.48 | 1.67  | 0.81  | 2.78 | 2.89 | 3.20 | 0.45      | -1.16  |
| Solyc10g0 | 0    | 0     | 0     | 0    | 0.13 | 0.14 | 0.00      | -9.79  |
| Solyc06g0 | 0.57 | 0.71  | 0.91  | 1.38 | 2.21 | 1.48 | 0.43      | -1.22  |
| Solyc02g0 | 0.19 | 0.13  | 0.27  | 0.63 | 0.41 | 0.59 | 0.37      | -1.45  |
| Solyc01g1 | 0    | 0     | 0     | 0.05 | 0.06 | 0.04 | 0.00      | -8.99  |
| Solyc10g0 | 2.05 | 1.01  | 1.00  | 3.12 | 6.00 | 3.11 | 0.33      | -1.59  |
| Solyc05g0 | 1.43 | 1.13  | 1.01  | 0.17 | 0    | 0    | 20.96     | 4.39   |
| Solyc03g0 | 0.12 | 0.06  | 0     | 0    | 0    | 0    | 604.27    | 9.24   |
| Solyc03g0 | 0.49 | 0.29  | 0.71  | 1.38 | 0.86 | 1.15 | 0.44      | -1.19  |
| Solyc03g1 | 0.82 | 0.65  | 0.51  | 0    | 0.12 | 0.04 | 12.11     | 3.60   |
| Solyc06g0 | 0.96 | 0.92  | 0.47  | 0.08 | 0.24 | 0.08 | 5.82      | 2.54   |
| Solyc02g0 | 2.01 | 2.52  | 2.34  | 0.25 | 0    | 0    | 27.11     | 4.76   |
| Solyc11g0 | 0.26 | 0.34  | 0.07  | 0.81 | 0.73 | 0.82 | 0.28      | -1.82  |
| Solyc11g0 | 0.38 | 0.54  | 0.40  | 0.66 | 1.43 | 0.94 | 0.43      | -1.20  |
| Solyc05g0 | 0.10 | 0.16  | 0.13  | 0.43 | 0.38 | 0.30 | 0.36      | -1.48  |
| Solyc06g0 | 1.39 | 1.58  | 1.63  | 0.31 | 0    | 0.05 | 12.77     | 3.67   |
| Solyc06g0 | 0.09 | 0     | 0.09  | 0    | 0    | 0    | 587.73    | 9.20   |
| Solyc03g0 | 0    | 0     | 0     | 0.22 | 0.39 | 0.30 | 0.00      | -11.56 |
| Solyc05g0 | 3.45 | 3.13  | 2.59  | 6.08 | 5.94 | 7.60 | 0.47      | -1.10  |
| Solyc08g0 | 0.74 | 0.43  | 0.42  | 1.21 | 1.06 | 1.58 | 0.41      | -1.27  |
| Solyc02g0 | 0.82 | 0.57  | 0.64  | 0.27 | 0.36 | 0.18 | 2.49      | 1.31   |
| Solyc04g0 | 0.55 | 0.50  | 0.62  | 0.28 | 0.26 | 0.04 | 2.84      | 1.51   |
| Solyc01g1 | 0.88 | 1.05  | 0.88  | 2.34 | 2.10 | 1.68 | 0.46      | -1.12  |
| Solyc10g0 | 0    | 0     | 0     | 0    | 0.90 | 0.77 | 0.00      | -12.44 |
| Solyc01g0 | 1.97 | 1.75  | 1.90  | 4.68 | 2.33 | 4.53 | 0.49      | -1.04  |
| Solyc11g0 | 0    | 0.30  | 0.40  | 0    | 0    | 0    | 2317.83   | 11.18  |
| Solyc02g0 | 0.08 | 0.12  | 0.12  | 0.05 | 0.04 | 0.04 | 2.47      | 1.31   |
| Solyc12g0 | 0.05 | 0.15  | 0.54  | 0.05 | 0    | 0    | 13.87     | 3.79   |
| Solyc02g0 | 0.39 | 0.40  | 0.64  | 0.32 | 0.11 | 0.24 | 2.16      | 1.11   |
| Solyc02g0 | 0.05 | 0     | 0.10  | 0    | 0    | 0    | 517.85    | 9.02   |
| Solyc04g0 | 0.15 | 0.12  | 0     | 0    | 0    | 0    | 883.93    | 9.79   |
| Solyc10g0 | 0    | 0     | 0     | 0.03 | 0.08 | 0.05 | 0.00      | -9.02  |
| Solyc12g0 | 0.47 | 1.01  | 0.36  | 0.20 | 0    | 0    | 8.97      | 3.17   |
| Solyc11g0 | 0.03 | 0.02  | 0.04  | 0    | 0    | 0    | 281.82    | 8.14   |
| Solyc08g0 | 0.27 | 0.29  | 0.18  | 0.51 | 0.52 | 0.48 | 0.49      | -1.04  |
| Solyc08g0 | 1.92 | 1.92  | 1.80  | 4.86 | 3.10 | 7.13 | 0.37      | -1.42  |
| Solyc09g0 | 0.51 | 0.63  | 0.59  | 0.28 | 0    | 0.12 | 4.42      | 2.14   |

|           |        |        |        |      |      |      |         |        |
|-----------|--------|--------|--------|------|------|------|---------|--------|
| Solyc07g0 | 0.81   | 0.68   | 1.01   | 0.24 | 0.65 | 0.25 | 2.18    | 1.13   |
| Solyc05g0 | 0.13   | 0.11   | 0.19   | 0.27 | 0.54 | 0.56 | 0.31    | -1.68  |
| Solyc06g0 | 0.19   | 0.25   | 0.07   | 0.59 | 0.60 | 0.36 | 0.33    | -1.59  |
| Solyc11g0 | 0      | 0      | 0      | 0.19 | 0.04 | 0.08 | 0.00    | -10.02 |
| Solyc06g0 | 0.55   | 0.47   | 0.58   | 0.09 | 0.23 | 0.13 | 3.49    | 1.80   |
| Solyc09g0 | 0.13   | 0.13   | 0.11   | 0.04 | 0.02 | 0.05 | 3.40    | 1.76   |
| Solyc09g0 | 0.03   | 0.05   | 0.03   | 0    | 0    | 0    | 362.34  | 8.50   |
| Solyc06g0 | 0.34   | 0.52   | 0.21   | 0    | 0    | 0    | 3600.66 | 11.81  |
| ENSRNAC   | 3.31   | 3.00   | 2.31   | 5.91 | 8.02 | 5.93 | 0.43    | -1.20  |
| Solyc03g0 | 0      | 0      | 0      | 0.27 | 0.20 | 0.25 | 0.00    | -11.24 |
| Solyc01g0 | 0.32   | 0.28   | 0.30   | 0.56 | 0.61 | 0.72 | 0.48    | -1.06  |
| Solyc06g0 | 1.26   | 1.37   | 1.55   | 0    | 0.63 | 0    | 6.64    | 2.73   |
| Solyc03g0 | 0.70   | 0.39   | 0.74   | 1.44 | 1.12 | 1.43 | 0.46    | -1.12  |
| Solyc03g0 | 2.41   | 2.00   | 2.07   | 0.35 | 0    | 0.03 | 17.00   | 4.09   |
| Solyc08g0 | 0.33   | 0.26   | 0.18   | 0.11 | 0.10 | 0.05 | 2.98    | 1.58   |
| Solyc01g0 | 1.11   | 1.39   | 0.81   | 2.79 | 1.89 | 2.61 | 0.45    | -1.14  |
| Solyc07g0 | 0.04   | 0.01   | 0.02   | 0    | 0    | 0    | 255.70  | 8.00   |
| Solyc09g0 | 0.16   | 0.23   | 0.20   | 0.40 | 0.51 | 0.65 | 0.38    | -1.39  |
| Solyc01g0 | 0.46   | 0.09   | 0.16   | 0    | 0    | 0    | 2354.26 | 11.20  |
| Solyc08g0 | 0      | 0.14   | 0      | 0.40 | 0.66 | 0.47 | 0.09    | -3.48  |
| Solyc01g0 | 1.34   | 1.14   | 1.97   | 0.18 | 0    | 0    | 25.34   | 4.66   |
| Solyc02g0 | 0      | 0.07   | 0.06   | 0.36 | 0.25 | 0.17 | 0.17    | -2.56  |
| Solyc01g0 | 0.04   | 0.08   | 0.12   | 0.36 | 0.29 | 0.32 | 0.25    | -1.98  |
| Solyc03g0 | 0.05   | 0      | 0.08   | 0    | 0    | 0    | 420.75  | 8.72   |
| Solyc08g0 | 0      | 0.05   | 0      | 0.18 | 0.11 | 0.15 | 0.11    | -3.25  |
| Solyc08g0 | 0.48   | 0.47   | 0.69   | 1.66 | 0.63 | 3.03 | 0.31    | -1.70  |
| Solyc04g0 | 0      | 0      | 0      | 1.32 | 0    | 0.60 | 0.00    | -12.65 |
| Solyc01g1 | 0.45   | 0.45   | 0.55   | 0.11 | 0.27 | 0.31 | 2.13    | 1.09   |
| Solyc12g0 | 0.16   | 0.16   | 0.41   | 0.04 | 0.09 | 0.05 | 4.02    | 2.01   |
| Solyc01g0 | 0.03   | 0.03   | 0.04   | 0    | 0    | 0    | 312.22  | 8.29   |
| Solyc03g1 | 0.12   | 0      | 0      | 0.78 | 0.25 | 0.59 | 0.07    | -3.78  |
| Solyc01g0 | 0.23   | 0      | 0      | 0.41 | 1.02 | 0.82 | 0.10    | -3.31  |
| Solyc11g0 | 0.21   | 0.14   | 0.12   | 0.07 | 0.04 | 0.06 | 2.74    | 1.46   |
| Solyc03g0 | 0.81   | 0.87   | 0.57   | 1.97 | 1.29 | 1.44 | 0.48    | -1.06  |
| Solyc03g0 | 146.74 | 131.21 | 129.07 | 2.52 | 0    | 0    | 161.83  | 7.34   |
| Solyc06g0 | 4.27   | 3.73   | 4.19   | 0.34 | 0    | 0    | 35.97   | 5.17   |
| Solyc01g1 | 0.22   | 0.16   | 0.08   | 0.04 | 0.06 | 0    | 4.58    | 2.20   |
| Solyc06g0 | 3.15   | 3.80   | 3.00   | 6.90 | 5.34 | 9.28 | 0.46    | -1.11  |
| Solyc02g0 | 0      | 0      | 0      | 0.09 | 0    | 0.37 | 0.00    | -10.57 |
| Solyc04g0 | 0.39   | 0.26   | 0.36   | 0.10 | 0    | 0.09 | 5.43    | 2.44   |
| Solyc08g0 | 0.04   | 0.06   | 0.04   | 0    | 0    | 0    | 474.28  | 8.89   |
| Solyc06g0 | 0.23   | 0.16   | 0.08   | 0    | 0    | 0.05 | 9.89    | 3.31   |
| Solyc06g0 | 0.27   | 0.31   | 0.37   | 0.06 | 0.09 | 0.06 | 4.49    | 2.17   |
| Solyc08g0 | 0      | 0      | 0.05   | 0.11 | 0.24 | 0.15 | 0.10    | -3.29  |
| Solyc02g0 | 0.10   | 0.18   | 0      | 0    | 0    | 0    | 960.34  | 9.91   |
| Solyc01g0 | 0      | 0      | 0      | 0.38 | 0.56 | 0    | 0.00    | -11.62 |
| Solyc01g1 | 0      | 0      | 0      | 0.01 | 0.05 | 0.17 | 0.00    | -9.56  |
| Solyc12g0 | 0.21   | 0.32   | 0.19   | 0    | 0    | 0    | 2361.68 | 11.21  |
| ENSRNAC   | 2.91   | 1.36   | 2.65   | 1.14 | 0.91 | 1.30 | 2.06    | 1.05   |
| Solyc07g0 | 0.09   | 0.17   | 0.13   | 0.26 | 0.49 | 0.24 | 0.39    | -1.35  |
| Solyc06g0 | 0.50   | 1.13   | 0.48   | 0.30 | 0.28 | 0.22 | 2.66    | 1.41   |

|           |      |      |      |      |      |      |         |        |
|-----------|------|------|------|------|------|------|---------|--------|
| Solyc04g0 | 0.07 | 0.17 | 0.16 | 0.04 | 0    | 0    | 9.52    | 3.25   |
| Solyc02g0 | 0.02 | 0.10 | 0.06 | 0.02 | 0    | 0    | 11.78   | 3.56   |
| Solyc03g1 | 0.22 | 0.51 | 0.37 | 0.22 | 0.12 | 0.16 | 2.21    | 1.14   |
| Solyc01g1 | 0    | 0    | 0    | 0.13 | 0.13 | 0.08 | 0.00    | -10.11 |
| Solyc02g0 | 0.06 | 0.05 | 0.06 | 0.24 | 0.36 | 0.10 | 0.23    | -2.09  |
| Solyc03g0 | 0.69 | 1.10 | 0.51 | 0.15 | 0.20 | 0    | 6.49    | 2.70   |
| Solyc08g0 | 3.60 | 2.83 | 3.03 | 0.70 | 0.12 | 0    | 11.44   | 3.52   |
| Solyc03g0 | 0.10 | 0.13 | 0.07 | 0.18 | 0.16 | 0.42 | 0.39    | -1.37  |
| Solyc11g0 | 0.60 | 0.55 | 0.25 | 1.40 | 2.00 | 1.18 | 0.30    | -1.71  |
| Solyc11g0 | 0.15 | 0.17 | 0.16 | 0.10 | 0.06 | 0.03 | 2.48    | 1.31   |
| Solyc12g0 | 0    | 0    | 0    | 0.18 | 0.12 | 0.08 | 0.00    | -10.33 |
| Solyc04g0 | 0.28 | 0.26 | 0.29 | 0.95 | 0.55 | 0.46 | 0.42    | -1.24  |
| Solyc02g0 | 0.30 | 0.38 | 0.31 | 0.68 | 0.96 | 0.79 | 0.41    | -1.29  |
| Solyc08g0 | 0.44 | 0.63 | 0.78 | 1.62 | 1.87 | 1.66 | 0.36    | -1.48  |
| Solyc05g0 | 0.10 | 0.04 | 0.04 | 0    | 0    | 0    | 620.98  | 9.28   |
| Solyc03g1 | 0    | 0    | 0    | 0.03 | 0.05 | 0.06 | 0.00    | -8.90  |
| Solyc04g0 | 0    | 0.11 | 0.06 | 0    | 0    | 0    | 553.61  | 9.11   |
| Solyc11g0 | 1.52 | 0.71 | 2.28 | 3.93 | 4.50 | 3.50 | 0.38    | -1.40  |
| Solyc03g0 | 0    | 0    | 0    | 0.16 | 0    | 0.14 | 0.00    | -9.94  |
| Solyc01g0 | 0.41 | 0.25 | 0.18 | 0.06 | 0.15 | 0.13 | 2.50    | 1.32   |
| Solyc02g0 | 0.39 | 1.38 | 2.22 | 0.17 | 0.45 | 0.59 | 3.31    | 1.73   |
| Solyc06g0 | 0.01 | 0.51 | 0    | 0.70 | 1.57 | 2.20 | 0.12    | -3.11  |
| Solyc08g0 | 0    | 0    | 0    | 0.19 | 0.05 | 0.11 | 0.00    | -10.17 |
| Solyc11g0 | 0.32 | 0.27 | 0.18 | 0.42 | 0.56 | 0.72 | 0.46    | -1.12  |
| Solyc03g0 | 0.07 | 0    | 0    | 0.09 | 0.18 | 0.35 | 0.11    | -3.20  |
| Solyc11g0 | 0.59 | 0.70 | 0.07 | 1.93 | 1.32 | 1.71 | 0.27    | -1.87  |
| Solyc02g0 | 5.19 | 5.27 | 5.61 | 0.79 | 0.04 | 0    | 19.25   | 4.27   |
| Solyc10g0 | 0.02 | 0.15 | 0.04 | 0    | 0    | 0    | 687.65  | 9.43   |
| Solyc05g0 | 0.64 | 0.67 | 0.53 | 0.31 | 0.20 | 0.30 | 2.28    | 1.19   |
| Solyc08g0 | 0.74 | 0.73 | 0.62 | 0.10 | 0    | 0    | 20.90   | 4.39   |
| Solyc04g0 | 0.29 | 0.10 | 0.07 | 0    | 0    | 0    | 1528.10 | 10.58  |
| Solyc03g0 | 0.38 | 0.56 | 0.38 | 0.24 | 0    | 0.09 | 4.00    | 2.00   |
| Solyc05g0 | 0.31 | 0.38 | 0.22 | 0    | 0    | 0    | 3034.84 | 11.57  |
| Solyc02g0 | 0.54 | 0.46 | 0.48 | 0.20 | 0    | 0.22 | 3.52    | 1.82   |
| Solyc10g0 | 0.33 | 0.35 | 0.34 | 0.67 | 0.77 | 0.79 | 0.46    | -1.13  |
| Solyc02g0 | 0.54 | 0.46 | 0.59 | 0.30 | 0.22 | 0.24 | 2.09    | 1.07   |
| Solyc07g0 | 0.81 | 0.73 | 0.69 | 0.45 | 0.21 | 0.19 | 2.61    | 1.38   |
| Solyc11g0 | 0.42 | 0.36 | 0.32 | 0    | 0.06 | 0    | 18.97   | 4.25   |
| ENSRNA(   | 1.26 | 1.42 | 1.68 | 0.32 | 0.33 | 0    | 6.74    | 2.75   |
| Solyc04g0 | 0.78 | 0.43 | 0.37 | 0.13 | 0.14 | 0.21 | 3.28    | 1.72   |
| Solyc09g0 | 0.36 | 0.28 | 0.12 | 0.13 | 0.02 | 0    | 5.06    | 2.34   |
| Solyc11g0 | 0.46 | 0.34 | 0.65 | 0    | 0    | 0.14 | 10.33   | 3.37   |
| Solyc12g0 | 0    | 0    | 0    | 0.12 | 0.15 | 0.08 | 0.00    | -10.19 |
| Solyc04g0 | 0.97 | 0.96 | 0.93 | 0.40 | 0.67 | 0.15 | 2.34    | 1.23   |
| Solyc09g0 | 0    | 0    | 0    | 0.06 | 0.04 | 0.16 | 0.00    | -9.75  |
| Solyc12g0 | 0.04 | 0.02 | 0.02 | 0.01 | 0    | 0    | 11.23   | 3.49   |
| Solyc10g0 | 0.20 | 0.26 | 0.20 | 0.13 | 0.05 | 0.09 | 2.42    | 1.27   |
| Solyc04g0 | 0    | 0    | 0.70 | 2.51 | 1.28 | 1.83 | 0.12    | -3.01  |
| Solyc08g0 | 0.24 | 0.31 | 0    | 0.75 | 0.85 | 1.04 | 0.21    | -2.27  |
| Solyc07g0 | 0.30 | 0.07 | 0.27 | 0.05 | 0.04 | 0    | 7.27    | 2.86   |
| Solyc06g0 | 1.02 | 1.01 | 0.85 | 0    | 0.30 | 0.07 | 7.72    | 2.95   |

|           |      |      |      |      |      |      |        |        |
|-----------|------|------|------|------|------|------|--------|--------|
| Solyc01g1 | 0.43 | 0.20 | 0.33 | 0.86 | 1.17 | 0.54 | 0.37   | -1.43  |
| Solyc04g0 | 0.15 | 0    | 0.07 | 0    | 0    | 0    | 732.58 | 9.52   |
| Solyc05g0 | 0.13 | 0.20 | 0.03 | 0.03 | 0.03 | 0    | 6.61   | 2.73   |
| Solyc11g0 | 0.24 | 0.18 | 0.18 | 0.06 | 0    | 0    | 9.85   | 3.30   |
| Solyc03g0 | 0    | 0    | 0.02 | 0.06 | 0.07 | 0.05 | 0.10   | -3.29  |
| Solyc02g0 | 0.23 | 0.39 | 0.20 | 0.43 | 0.63 | 0.62 | 0.49   | -1.03  |
| Solyc11g0 | 0.28 | 0.16 | 0.56 | 0.60 | 0.91 | 0.82 | 0.43   | -1.23  |
| Solyc03g0 | 0    | 0    | 0    | 0.83 | 0.45 | 0    | 0.00   | -12.06 |
| Solyc03g0 | 2.16 | 1.61 | 2.40 | 0.20 | 0    | 0    | 31.13  | 4.96   |
| Solyc08g0 | 0.51 | 0.57 | 0.64 | 0.14 | 0    | 0.18 | 5.35   | 2.42   |
| Solyc03g1 | 0.47 | 0.29 | 0.57 | 0.95 | 1.00 | 1.20 | 0.42   | -1.24  |
| Solyc11g0 | 0.02 | 0.02 | 0.05 | 0    | 0    | 0    | 292.92 | 8.19   |
| Solyc11g0 | 0.19 | 0    | 0.44 | 1.01 | 1.17 | 0.72 | 0.22   | -2.20  |
| Solyc05g0 | 0    | 0    | 0    | 0.09 | 0.22 | 0.09 | 0.00   | -10.39 |
| Solyc06g0 | 0    | 0    | 0.04 | 0.22 | 0.19 | 0.02 | 0.08   | -3.60  |
| Solyc09g0 | 0.39 | 0.16 | 0.06 | 0.74 | 0.94 | 0.75 | 0.25   | -2.00  |
| Solyc06g0 | 0.20 | 0.09 | 0.42 | 0.50 | 0.92 | 0.87 | 0.31   | -1.70  |
| Solyc07g0 | 0.24 | 0.23 | 0.13 | 0.42 | 0.57 | 0.51 | 0.40   | -1.31  |
| Solyc09g0 | 0.12 | 0.14 | 0    | 0.39 | 0.33 | 0.49 | 0.22   | -2.22  |
| Solyc07g0 | 0.07 | 0.07 | 0    | 0    | 0    | 0    | 470.92 | 8.88   |
| Solyc02g0 | 0.10 | 0.16 | 0.17 | 0.36 | 0.43 | 0.31 | 0.39   | -1.34  |
| Solyc01g0 | 0    | 0    | 0.12 | 1.01 | 1.41 | 1.40 | 0.03   | -4.98  |
| Solyc01g0 | 0.11 | 0.04 | 0.07 | 0    | 0.01 | 0    | 23.29  | 4.54   |
| Solyc05g0 | 0.51 | 0.37 | 0.23 | 0.12 | 0.08 | 0.04 | 4.80   | 2.26   |
| Solyc03g0 | 0.81 | 0.50 | 0.86 | 0.18 | 0.19 | 0.15 | 4.16   | 2.06   |
| Solyc06g0 | 0.08 | 0    | 0.05 | 0    | 0    | 0    | 444.70 | 8.80   |
| Solyc11g0 | 0    | 0    | 0    | 0.06 | 0.12 | 0    | 0.00   | -9.22  |
| Solyc09g0 | 0.06 | 0.16 | 0    | 0    | 0    | 0    | 740.17 | 9.53   |
| Solyc09g0 | 0.32 | 0.47 | 0.28 | 0.78 | 1.02 | 0.65 | 0.44   | -1.19  |
| Solyc02g0 | 0    | 0    | 0    | 0.08 | 0    | 0.32 | 0.00   | -10.40 |
| Solyc04g0 | 1.66 | 0.60 | 0.39 | 0    | 0.13 | 0.18 | 8.56   | 3.10   |
| Solyc02g0 | 0.48 | 0.77 | 0.61 | 0.25 | 0    | 0    | 7.52   | 2.91   |
| Solyc03g0 | 0.17 | 0.15 | 0.10 | 0.27 | 0.36 | 0.43 | 0.41   | -1.29  |
| Solyc04g0 | 1.36 | 1.80 | 2.09 | 0.20 | 0    | 0    | 26.73  | 4.74   |
| Solyc07g0 | 0.25 | 0.42 | 0.49 | 0.21 | 0.15 | 0.04 | 2.87   | 1.52   |
| Solyc08g0 | 0    | 0    | 0    | 0    | 0.13 | 0.13 | 0.00   | -9.72  |
| Solyc04g0 | 0    | 0    | 0    | 0    | 0.10 | 0.10 | 0.00   | -9.36  |
| Solyc11g0 | 2.18 | 1.13 | 2.17 | 5.61 | 3.78 | 4.16 | 0.40   | -1.31  |

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