Table S7 The content of main saturated fatty acids in *Armeniaca sibirica* seed kernels at different developmental stages (ug/g)

|  |  |  |
| --- | --- | --- |
|  | replicates | developmental stage |
| SⅠ | SⅡ | SⅢ | SⅣ | SⅤ |
| C16:0 Palmitic | 1 | 697.02 | 1080.16 | 3534.91 | 4054.82 | 4825.10 |
| 2 | 813.07 | 1005.01 | 3422.28 | 4163.51 | 5391.15 |
| 3 | 845.67 | 870.06 | 2950.12 | 4540.95 | 5556.12 |
| 4 | 652.88 | 1003.81 | 4005.67 | 5262.79 | 4949.80 |
| 5 | 791.08 | 1222.55 | 3576.34 | 5233.76 | 4239.17 |
| 6 | 768.25 | 1058.68 | 3361.46 | 4741.26 | 4683.90 |
| Mean±SD | 761.33±72.97C | 1040.04±115.50C | 3475.13±342.53B | 4666.18±514.95A | 4940.87±480.25A |
| C18:0 Stearic | 1 | 534.54 | 672.98 | 1287.63 | 1302.10 | 1434.54 |
| 2 | 615.55 | 596.43 | 1275.13 | 1262.65 | 1629.75 |
| 3 | 636.24 | 554.17 | 1117.65 | 1405.18 | 1460.76 |
| 4 | 486.99 | 584.49 | 1327.73 | 1594.28 | 1552.12 |
| 5 | 569.14 | 767.10 | 1219.15 | 1272.64 | 1313.42 |
| 6 | 573.37 | 637.57 | 1219.35 | 1604.43 | 1657.07 |
| Mean±SD | 569.30±54.07C | 635.46±76.77C | 1241.11±73.52B | 1406.88±157.45AB | 1507.94±129.99A |
| Other saturated fatty acids | 1 | 30.34 | 62.52 | 125.70 | 138.94 | 157.94 |
| 2 | 38.03 | 52.93 | 114.82 | 131.31 | 198.95 |
| 3 | 36.11 | 50.17 | 103.41 | 151.32 | 208.88 |
| 4 | 29.65 | 58.36 | 129.23 | 170.70 | 206.42 |
| 5 | 35.41 | 75.17 | 122.07 | 167.19 | 139.71 |
| 6 | 35.10 | 60.48 | 117.11 | 169.03 | 176.23 |
| Mean±SD | 34.11±3.35E | 59.94±8.79D | 118.72±9.19C | 154.75±16.88B | 181.35±28.30A |

Six biological replicates were performed for each developmental stage. Different capital letters indicate significant differences (*p* < 0.01).