### **Table S5** The tandem repeats distribution in seven *Calanthe* s.l. plastomes.

| **Species** | **Start** | **End** | **Total length** | **Consensus Size(bp)** | **Copy number** | **Region** |
| --- | --- | --- | --- | --- | --- | --- |
| *Calanthe davidii* | 5971  | 5996  | 26 | 13  | 2.0  | LSC; CDS (*rps16*) |
| *Calanthe davidii* | 6604  | 6647  | 44 | 13  | 3.4  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe davidii* | 6680  | 6787  | 108 | 26  | 4.2  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe davidii* | 6684  | 6787  | 104 | 6  | 16.5  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe davidii* | 6685  | 6734  | 50 | 14  | 3.8  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe davidii* | 9486  | 9522  | 37 | 17  | 2.1  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe davidii* | 11028  | 11052  | 25 | 11  | 2.3  | LSC; IGS (*trnG*-UCU-*atpA*) |
| *Calanthe davidii* | 28430  | 28462  | 33 | 17  | 1.9  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Calanthe davidii* | 28615  | 28651  | 37 | 15  | 2.4  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Calanthe davidii* | 30152  | 30195  | 44 | 11  | 4.1  | LSC; IGS (*petN*-*psbM*) |
| *Calanthe davidii* | 32873  | 32983  | 111 | 2  | 55.5  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe davidii* | 32934  | 32983  | 50 | 7  | 7.5  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe davidii* | 32934  | 32983  | 50 | 16  | 3.2  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe davidii* | 46543  | 46569  | 27 | 13  | 2.1  | LSC; IGS (*trnS*-GGA-*rps4*) |
| *Calanthe davidii* | 52314  | 52339  | 26 | 13  | 2.0  | LSC; IGS (*ndhC*-*trnV*-UAC) |
| *Calanthe davidii* | 56175  | 56208  | 34 | 16  | 2.1  | LSC; IGS (*atpB*-*rbcL*) |
| *Calanthe davidii* | 58615  | 58658  | 44 | 19  | 2.3  | LSC; IGS (*rbcL*-*accD*) |
| *Calanthe davidii* | 60905  | 60950  | 46 | 23  | 2.0  | LSC; IGS (*accD*-*psaI*) |
| *Calanthe davidii* | 62526  | 62557  | 32 | 16  | 2.0  | LSC; IGS (*ycf4*-*cemA*) |
| *Calanthe davidii* | 65411  | 65447  | 37 | 18  | 2.1  | LSC; IGS (*petA*-*psbJ*) |
| *Calanthe davidii* | 69149  | 69177  | 29 | 14  | 2.1  | LSC; IGS (*trnP*-UGG-*psaJ*) |
| *Calanthe davidii* | 70283  | 70312  | 30 | 15  | 2.0  | LSC; IGS (rp*l*33-*rps18*) |
| *Calanthe davidii* | 70319  | 70362  | 44 | 21  | 2.1  | LSC; CDS (*rps18*) |
| *Calanthe davidii* | 74019  | 74049  | 31 | 10  | 3.1  | LSC; CDS (*clpP* intron) |
| *Calanthe davidii* | 74210  | 74245  | 36 | 18  | 2.0  | LSC; CDS (*clpP* intron) |
| *Calanthe davidii* | 74679  | 74727  | 49 | 16  | 3.0  | LSC; IGS (*clpP*-*psbB*) |
| *Calanthe davidii* | 74739  | 74777  | 39 | 15  | 2.6  | LSC; IGS (*clpP*-*psbB*) |
| *Calanthe davidii* | 74968  | 75007  | 40 | 18  | 2.1  | LSC; IGS (clpP-psbB) |
| *Calanthe davidii* | 74968  | 75047  | 80 | 27  | 2.9  | LSC; IGS (clpP-psbB) |
| *Calanthe davidii* | 77197  | 77261  | 65 | 12  | 4.7  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe davidii* | 77206  | 77243  | 38 | 17  | 2.2  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe davidii* | 77478  | 77515  | 38 | 15  | 2.4  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe davidii* | 85930  | 85972  | 43 | 16  | 2.7  | LSC; CDS (*rpl16* intron) |
| *Calanthe davidii* | 86089  | 86130  | 42 | 10  | 4.3  | LSC; CDS (*rpl16* intron) |
| *Calanthe davidii* | 86093  | 86136  | 44 | 18  | 2.4  | LSC; CDS (*rpl16* intron) |
| *Calanthe davidii* | 95556  | 95616  | 61 | 18  | 3.6  | IR1; CDS (*ycf2*) |
| *Calanthe davidii* | 103346  | 103372  | 27 | 14  | 1.9  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe davidii* | 103367  | 103391  | 25 | 12  | 2.1  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe davidii* | 103395  | 103474  | 80 | 35  | 2.3  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe davidii* | 103397  | 103465  | 69 | 5  | 13.4  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe davidii* | 103397  | 103470  | 74 | 12  | 4.9  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe davidii* | 103398  | 103468  | 71 | 35  | 2.1  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe davidii* | 103407  | 103460  | 54 | 21  | 2.6  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe davidii* | 116805  | 116842  | 38 | 10  | 3.9  | SSC; IGS (*ndhF*-*rpl32*) |
| *Calanthe davidii* | 116870  | 117000  | 131 | 31  | 4.3  | SSC; IGS (*ndhF*-*rpl32*) |
| *Calanthe davidii* | 116912  | 116991  | 80 | 2  | 38.5  | SSC; IGS (*ndhF*-*rpl32*) |
| *Calanthe davidii* | 116916  | 117000  | 85 | 11  | 7.7  | SSC; IGS (*ndhF*-*rpl32*) |
| *Calanthe davidii* | 117138  | 117162  | 25 | 12  | 2.1  | SSC; IGS (*ndhF*-*rpl32*) |
| *Calanthe davidii* | 117167  | 117193  | 27 | 13  | 2.1  | SSC; IGS (*ndhF*-*rpl32*) |
| *Calanthe davidii* | 121856  | 121882  | 27 | 14  | 1.9  | SSC; IGS (*psaC*-*ndhE*) |
| *Calanthe davidii* | 121899  | 121938  | 40 | 14  | 2.9  | SSC; IGS (*psaC*-*ndhE*) |
| *Calanthe davidii* | 122083  | 122140  | 58 | 28  | 2.1  | SSC; IGS (*psaC*-*ndhE*) |
| *Calanthe davidii* | 127524  | 127603  | 80 | 11  | 7.3  | SSC; IGS (*ndhH*-*rps15*) |
| *Calanthe davidii* | 129632  | 129662  | 31 | 15  | 2.1  | SSC; CDS (*ycf1*) |
| *Calanthe davidii* | 143402  | 143475  | 74 | 12  | 4.9  | IR2;CDS (*rps12* intron) |
| *Calanthe davidii* | 143404  | 143474  | 71 | 35  | 2.1  | IR2;CDS (*rps12* intron) |
| *Calanthe davidii* | 143407  | 143475  | 69 | 5  | 13.4  | IR2;CDS (*rps12* intron) |
| *Calanthe davidii* | 143412  | 143465  | 54 | 21  | 2.7  | IR2;CDS (*rps12* intron) |
| *Calanthe davidii* | 143481  | 143505  | 25 | 12  | 2.1  | IR2;CDS (*rps12* intron) |
| *Calanthe davidii* | 143500  | 143526  | 27 | 14  | 1.9  | IR2;CDS (*rps12* intron) |
| *Calanthe davidii* | 151256  | 151316  | 61 | 18  | 3.6  | IR2; CDS (*ycf2*) |
| *Calanthe davidii* | 151260  | 151304  | 45 | 9  | 5.0  | IR2; CDS (*ycf2*) |
| *Calanthe delavayi* | 1612  | 1644  | 33 | 10  | 3.4  | LSC; tRNA (*trnK*-UUU) |
| *Calanthe delavayi* | 3415  | 3439  | 25 | 13  | 1.9  | LSC; tRNA (*trnK*-UUU) |
| *Calanthe delavayi* | 4572  | 4599  | 28 | 14  | 2.0  | LSC; IGS (*trnK*-UUU-*rps16*) |
| *Calanthe delavayi* | 6465  | 6493  | 29 | 11  | 2.6  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe delavayi* | 6499  | 6579  | 81 | 8  | 10.1  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe delavayi* | 6511  | 6568  | 58 | 20  | 3.0  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe delavayi* | 6544  | 6591  | 48 | 12  | 3.3  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe delavayi* | 8903  | 8928  | 26 | 11  | 2.4  | LSC;IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe delavayi* | 8919  | 8958  | 40 | 13  | 3.2  | LSC;IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe delavayi* | 9049  | 9086  | 38 | 18  | 2.1  | LSC;IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe delavayi* | 9221  | 9257  | 37 | 17  | 2.1  | LSC;IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe delavayi* | 27968  | 28001  | 34 | 17  | 2.0  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Calanthe delavayi* | 29541  | 29626  | 86 | 39  | 2.2  | LSC; IGS (*petN*-*psbM*) |
| *Calanthe delavayi* | 29582  | 29633  | 52 | 11  | 4.9  | LSC; IGS (*petN*-*psbM*) |
| *Calanthe delavayi* | 32179  | 32229  | 51 | 18  | 2.5  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe delavayi* | 32185  | 32228  | 44 | 18  | 2.3  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe delavayi* | 32223  | 32284  | 62 | 26  | 2.3  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe delavayi* | 32233  | 32281  | 49 | 22  | 2.3  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe delavayi* | 32259  | 32286  | 28 | 14  | 2.0  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe delavayi* | 35954  | 35990  | 37 | 16  | 2.3  | LSC; IGS (*psbC*-*trnS*-UGA) |
| *Calanthe delavayi* | 49383  | 49420  | 38 | 13  | 2.8  | LSC; IGS (*ndhJ*-*trnV*-UAC) |
| *Calanthe delavayi* | 49432  | 49462  | 31 | 15  | 2.1  | LSC; IGS (*ndhJ*-*trnV*-UAC) |
| *Calanthe delavayi* | 53028  | 53078  | 51 | 16  | 3.1  | LSC; IGS (*atpB*-*rbcL*) |
| *Calanthe delavayi* | 53039  | 53069  | 31 | 8  | 4.0  | LSC; IGS (*atpB*-*rbcL*) |
| *Calanthe delavayi* | 53161  | 53229  | 69 | 18  | 3.5  | LSC; IGS (*atpB*-*rbcL*) |
| *Calanthe delavayi* | 53161  | 53239  | 79 | 41  | 1.9  | LSC; IGS (*atpB*-*rbcL*) |
| *Calanthe delavayi* | 58685  | 58716  | 32 | 16  | 2.0  | LSC; IGS (*ycf4*-*cemA*) |
| *Calanthe delavayi* | 61727  | 61780  | 54 | 19  | 3.1  | LSC; IGS (*petA*-*psbJ*) |
| *Calanthe delavayi* | 61740  | 61774  | 35 | 13  | 2.6  | LSC; IGS (*petA*-*psbJ*) |
| *Calanthe delavayi* | 61780  | 61833  | 54 | 2  | 29.0  | LSC; IGS (*petA*-*psbJ*) |
| *Calanthe delavayi* | 66334  | 66363  | 30 | 15  | 2.0  | LSC; IGS (*rpl33*-*rps18*) |
| *Calanthe delavayi* | 66370  | 66413  | 44 | 21  | 2.1  | LSC; CDS (*rps18*) |
| *Calanthe delavayi* | 70076  | 70108  | 33 | 11  | 3.1  | LSC; CDS (*clpP* intron) |
| *Calanthe delavayi* | 70077  | 70108  | 32 | 10  | 3.1  | LSC; CDS (*clpP* intron) |
| *Calanthe delavayi* | 70735  | 70765  | 31 | 16  | 2.0  | LSC; IGS (*clpP*-*psbB*) |
| *Calanthe delavayi* | 70888  | 70949  | 62 | 27  | 2.3  | LSC; IGS (*clpP*-*psbB*) |
| *Calanthe delavayi* | 73023  | 73054  | 32 | 16  | 2.0  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe delavayi* | 73036  | 73091  | 56 | 21  | 2.6  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe delavayi* | 73132  | 73183  | 52 | 2  | 24.0  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe delavayi* | 73138  | 73172  | 35 | 9  | 3.9  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe delavayi* | 73139  | 73181  | 43 | 18  | 2.4  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe delavayi* | 78637  | 78685  | 49 | 24  | 2.0  | LSC; CDS (*rps11*) |
| *Calanthe delavayi* | 81577  | 81619  | 43 | 16  | 2.7  | LSC; CDS (*rpl16* intron) |
| *Calanthe delavayi* | 81723  | 81798  | 76 | 18  | 4.2  | LSC; CDS (*rpl16* intron) |
| *Calanthe delavayi* | 81754  | 81792  | 39 | 11  | 3.9  | LSC; CDS (*rpl16* intron) |
| *Calanthe delavayi* | 83586  | 83642  | 57 | 23  | 2.7  | LSC; IGS (*rpl22*-*rps19*) |
| *Calanthe delavayi* | 83597  | 83642  | 46 | 23  | 2.0  | LSC;IGS (*rpl22*-*rps19*) |
| *Calanthe delavayi* | 91259  | 91319  | 61 | 18  | 3.6  | IR1;CDS (*ycf2*) |
| *Calanthe delavayi* | 98818  | 98858  | 41 | 14  | 2.9  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe delavayi* | 98860  | 98896  | 37 | 13  | 2.9  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe delavayi* | 98860  | 98898  | 39 | 10  | 3.8  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe delavayi* | 98860  | 98899  | 40 | 18  | 2.2  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe delavayi* | 98889  | 98945  | 57 | 27  | 2.1  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe delavayi* | 108826  | 108885  | 60 | 20  | 3.0  | SSC; IGS (*trnN*-GUU-*rpl32*) |
| *Calanthe delavayi* | 108868  | 108978  | 111 | 37  | 3.0  | SSC; IGS (*trnN*-GUU-*rpl32*) |
| *Calanthe delavayi* | 109041  | 109072  | 32 | 15  | 2.1  | SSC; IGS (*trnN*-GUU-*rpl32*) |
| *Calanthe delavayi* | 111672  | 111708  | 37 | 19  | 1.9  | SSC; IGS (*ccsA*-*ndhD*) |
| *Calanthe delavayi* | 113979  | 114036  | 58 | 28  | 2.1  | IR1; IGS (*psaC*-*ndhE*) |
| *Calanthe delavayi* | 134694  | 134733  | 40 | 18  | 2.2  | IR2; CDS(*rps12* intron) |
| *Calanthe delavayi* | 134695  | 134733  | 39 | 10  | 3.8  | IR2; CDS(*rps12* intron) |
| *Calanthe delavayi* | 134735  | 134775  | 41 | 14  | 2.9  | IR2; CDS(*rps12* intron) |
| *Calanthe delavayi* | 142274  | 142334  | 61 | 18  | 3.6  | IR2; CDS (*ycf2*) |
| *Calanthe delavayi* | 142278  | 142322  | 45 | 9  | 5.0  | IR2; CDS (*ycf2*) |
| *Calanthe delavayi* | 149951  | 149996  | 46 | 23  | 2.0  | IR2; CDS (*ycf2*) |
| *Calanthe delavayi* | 149951  | 150007  | 57 | 23  | 2.7  | IR2; CDS (*ycf2*) |
| *Styloglossum lyroglossa* | 4215  | 4264  | 50 | 20  | 2.4  | LSC; tRNA (*trnK*-UUU) |
| *Styloglossum lyroglossa* | 5253  | 5286  | 34 | 13  | 2.5  | LSC; CDS (*rps16* intron) |
| *Styloglossum lyroglossa* | 5278  | 5316  | 39 | 19  | 2.1  | LSC; CDS (*rps16* intron) |
| *Styloglossum lyroglossa* | 6454  | 6487  | 34 | 14  | 2.3  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Styloglossum lyroglossa* | 6484  | 6534  | 51 | 22  | 2.5  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Styloglossum lyroglossa* | 6486  | 6531  | 46 | 14  | 3.4  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Styloglossum lyroglossa* | 6489  | 6528  | 40 | 12  | 3.1  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Styloglossum lyroglossa* | 14307  | 14338  | 32 | 16  | 2.0  | LSC; IGS (*atpH*-*atpI*) |
| *Styloglossum lyroglossa* | 28304  | 28340  | 37 | 15  | 2.4  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Styloglossum lyroglossa* | 28649  | 28711  | 63 | 21  | 3.0  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Styloglossum lyroglossa* | 28658  | 28711  | 54 | 15  | 3.7  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Styloglossum lyroglossa* | 50939  | 50964  | 26 | 13  | 2.0  | LSC; IGS (*ndhC*-*trnV*-UAC) |
| *Styloglossum lyroglossa* | 55020  | 55064  | 45 | 23  | 1.9  | LSC; IGS (*atpB*-*rbcL*) |
| *Styloglossum lyroglossa* | 55051  | 55098  | 48 | 22  | 2.1  | LSC; IGS (*atpB*-*rbcL*) |
| *Styloglossum lyroglossa* | 63503  | 63535  | 33 | 16  | 2.1  | LSC; IGS (*petA*-*psbJ*) |
| *Styloglossum lyroglossa* | 63543  | 63593  | 51 | 13  | 3.8  | LSC; IGS (*petA*-*psbJ*) |
| *Styloglossum lyroglossa* | 63544  | 63596  | 53 | 21  | 2.5  | LSC; IGS (*petA*-*psbJ*) |
| *Styloglossum lyroglossa* | 63550  | 63582  | 33 | 15  | 2.2  | LSC; IGS (*petA*-*psbJ*) |
| *Styloglossum lyroglossa* | 68203  | 68232  | 30 | 15  | 2.0  | LSC; IGS (*rpl33*-*rps18*) |
| *Styloglossum lyroglossa* | 68239  | 68283  | 45 | 21  | 2.1  | LSC; IGS (*rpl33*-*rps18*) |
| *Styloglossum lyroglossa* | 72702  | 72763  | 62 | 27  | 2.3  | LSC; IGS (*clpP*-*psbB*) |
| *Styloglossum lyroglossa* | 74793  | 74836  | 44 | 13  | 3.2  | LSC; IGS (*psbB*-*psbT*) |
| *Styloglossum lyroglossa* | 74803  | 74850  | 48 | 15  | 3.3  | LSC; IGS (*psbB*-*psbT*) |
| *Styloglossum lyroglossa* | 74941  | 74988  | 48 | 12  | 3.7  | LSC; IGS (*psbB*-*psbT*) |
| *Styloglossum lyroglossa* | 78347  | 78371  | 25 | 12  | 2.1  | LSC; CDS (*petD* intron) |
| *Styloglossum lyroglossa* | 80654  | 80702  | 49 | 24  | 2.0  | LSC; CDS (*rps11*) |
| *Styloglossum lyroglossa* | 83650  | 83692  | 43 | 16  | 2.7  | LSC; CDS (*rpl16* intron) |
| *Styloglossum lyroglossa* | 83808  | 83848  | 41 | 18  | 2.3  | LSC; CDS (*rpl16* intron) |
| *Styloglossum lyroglossa* | 93232  | 93292  | 61 | 18  | 3.6  | IR1; CDS (*ycf2*) |
| *Styloglossum lyroglossa* | 101079  | 101112  | 34 | 12  | 2.8  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Styloglossum lyroglossa* | 101091  | 101128  | 38 | 19  | 2.0  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Styloglossum lyroglossa* | 114090  | 114141  | 52 | 26  | 2.0  | SSC; IGS (*ndhF*-*rpl32*) |
| *Styloglossum lyroglossa* | 114512  | 114551  | 40 | 17  | 2.4  | SSC; IGS (*ndhF*-*rpl32*) |
| *Styloglossum lyroglossa* | 116948  | 116984  | 37 | 19  | 1.9  | SSC; IGS (*ccsA*-*ndhD*);CDS(*ndhD*) |
| *Styloglossum lyroglossa* | 119261  | 119318  | 58 | 28  | 2.1  | SSC; IGS (*psaC*-*ndhE*) |
| *Styloglossum lyroglossa* | 140439  | 140499  | 61 | 13  | 4.6  | IR2; CDS (*rps12* intron) |
| *Styloglossum lyroglossa* | 140450  | 140484  | 35 | 12  | 2.8  | IR2; CDS (*rps12* intron) |
| *Styloglossum lyroglossa* | 148271  | 148331  | 61 | 18  | 3.6  | IR2; CDS (*ycf2*) |
| *Styloglossum lyroglossa* | 148275  | 148319  | 45 | 9  | 5.0  | IR2; CDS (*ycf2*) |
| *Preptanthe rubens* | 193  | 230  | 38 | 10  | 4.0  | LSC; IGS (*rps19*-*psbA*) |
| *Preptanthe rubens* | 3743  | 3767  | 25 | 12  | 2.1  | LSC; tRNA (*trnK*-UUU) |
| *Preptanthe rubens* | 4281  | 4308  | 28 | 14  | 2.0  | LSC; tRNA (*trnK*-UUU) |
| *Preptanthe rubens* | 5325  | 5363  | 39 | 11  | 3.9  | LSC; CDS (*rps16* intron) |
| *Preptanthe rubens* | 6705  | 6775  | 71 | 8  | 10.1  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Preptanthe rubens* | 6710  | 6771  | 62 | 14  | 4.1  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Preptanthe rubens* | 6715  | 6776  | 62 | 21  | 2.8  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Preptanthe rubens* | 6737  | 6775  | 39 | 14  | 3.0  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Preptanthe rubens* | 6794  | 6849  | 56 | 16  | 3.1  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Preptanthe rubens* | 9127  | 9155  | 29 | 14  | 2.1  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Preptanthe rubens* | 9172  | 9210  | 39 | 15  | 2.6  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Preptanthe rubens* | 13241  | 13268  | 28 | 13  | 2.2  | LSC; CDS (*atpF* intron) |
| *Preptanthe rubens* | 28252  | 28285  | 34 | 17  | 2.0  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Preptanthe rubens* | 28418  | 28464  | 47 | 13  | 3.6  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Preptanthe rubens* | 28464  | 28508  | 45 | 16  | 2.9  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Preptanthe rubens* | 32133  | 32173  | 41 | 21  | 2.0  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Preptanthe rubens* | 32161  | 32248  | 88 | 2  | 40.5  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Preptanthe rubens* | 32161  | 32248  | 88 | 9  | 10.1  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Preptanthe rubens* | 32162  | 32248  | 87 | 20  | 4.2  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Preptanthe rubens* | 32168  | 32248  | 81 | 18  | 4.5  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Preptanthe rubens* | 47875  | 47936  | 62 | 18  | 3.4  | LSC; tRNA (*trnL*-UAA) |
| *Preptanthe rubens* | 47968  | 47992  | 25 | 11  | 2.3  | LSC; tRNA (*trnL*-UAA) |
| *Preptanthe rubens* | 51462  | 51493  | 32 | 16  | 2.0  | LSC; IGS (*ndhC*-*trnV*-UAC) |
| *Preptanthe rubens* | 51687  | 51715  | 29 | 13  | 2.3  | LSC; IGS (*ndhC*-*trnV*-UAC) |
| *Preptanthe rubens* | 52098  | 52122  | 25 | 13  | 1.9  | LSC; IGS (*ndhC*-*trnV*-UAC) |
| *Preptanthe rubens* | 56025  | 56081  | 57 | 23  | 2.4  | LSC; IGS (*atpB*-*rbcL*) |
| *Preptanthe rubens* | 56086  | 56116  | 31 | 16  | 1.9  | LSC; IGS (*atpB*-*rbcL*) |
| *Preptanthe rubens* | 56163  | 56238  | 76 | 18  | 3.8  | LSC; IGS (*atpB*-*rbcL*) |
| *Preptanthe rubens* | 65301  | 65341  | 41 | 21  | 2.0  | LSC; IGS (*petA*-*psbJ*) |
| *Preptanthe rubens* | 65309  | 65373  | 65 | 16  | 3.8  | LSC; IGS (*petA*-*psbJ*) |
| *Preptanthe rubens* | 70032  | 70075  | 44 | 21  | 2.1  | LSC; CDS (*rps18*) |
| *Preptanthe rubens* | 74224  | 74318  | 95 | 35  | 2.6  | LSC; IGS (*clpP*-*psbB*) |
| *Preptanthe rubens* | 74224  | 74386  | 163 | 20  | 8.3  | LSC; IGS (*clpP*-*psbB*) |
| *Preptanthe rubens* | 74230  | 74370  | 141 | 9  | 15.9  | LSC; IGS (*clpP*-*psbB*) |
| *Preptanthe rubens* | 74230  | 74370  | 141 | 20  | 7.4  | LSC; IGS (*clpP*-*psbB*) |
| *Preptanthe rubens* | 76775  | 76836  | 62 | 25  | 2.3  | LSC; IGS (*psbB*-*psbT*) |
| *Preptanthe rubens* | 76778  | 76834  | 57 | 26  | 2.2  | LSC; IGS (*psbB*-*psbT*) |
| *Preptanthe rubens* | 76778  | 76835  | 58 | 12  | 4.5  | LSC; IGS (*psbB*-*psbT*) |
| *Preptanthe rubens* | 77035  | 77079  | 45 | 24  | 2.0  | LSC; IGS (*psbB*-*psbT*) |
| *Preptanthe rubens* | 82468  | 82516  | 49 | 24  | 2.0  | LSC; CDS (*rps11*) |
| *Preptanthe rubens* | 83913  | 83943  | 31 | 15  | 2.1  | LSC; IGS (*rps8*-*rpl14*) |
| *Preptanthe rubens* | 85599  | 85651  | 53 | 18  | 2.8  | LSC; CDS (*rpl16* intron) |
| *Preptanthe rubens* | 95150  | 95204  | 55 | 9  | 6.1  | IR1; CDS (*ycf2*) |
| *Preptanthe rubens* | 95157  | 95204  | 48 | 18  | 2.7  | IR1; CDS (*ycf2*) |
| *Preptanthe rubens* | 116325  | 116374  | 50 | 14  | 3.5  | SSC; IGS (*ndhF*-*rpl32*) |
| *Preptanthe rubens* | 116341  | 116385  | 45 | 7  | 6.9  | SSC; IGS (*ndhF*-*rpl32*) |
| *Preptanthe rubens* | 116341  | 116387  | 47 | 11  | 4.6  | SSC; IGS (*ndhF*-*rpl32*) |
| *Preptanthe rubens* | 116595  | 116620  | 26 | 13  | 2.0  | SSC; IGS (*ndhF*-*rpl32*) |
| *Preptanthe rubens* | 117279  | 117311  | 33 | 12  | 2.8  | SSC; IGS (*rpl32*-*trnL*-UAG) |
| *Preptanthe rubens* | 119135  | 119171  | 37 | 19  | 1.9  | SSC; IGS (*ccsA*-*ndhD*);CDS(*ndhD*) |
| *Preptanthe rubens* | 121466  | 121499  | 34 | 14  | 2.3  | SSC; IGS (*psaC*-*ndhE*) |
| *Preptanthe rubens* | 129048  | 129078  | 31 | 15  | 2.1  | SSC; CDS (*ycf1*) |
| *Preptanthe rubens* | 150614  | 150661  | 48 | 18  | 2.7  | IR2; CDS (*ycf2*) |
| *Preptanthe rubens* | 150614  | 150668  | 55 | 9  | 6.1  | IR2; CDS (*ycf2*) |
| *Calanthe triplicata* | 1649  | 1685  | 37 | 19  | 2.0  | LSC; tRNA (*trnK*-UUU) |
| *Calanthe triplicata* | 3452  | 3486  | 35 | 16  | 2.2  | LSC; tRNA (*trnK*-UUU) |
| *Calanthe triplicata* | 3792  | 3847  | 56 | 24  | 2.3  | LSC; tRNA (*trnK*-UUU) |
| *Calanthe triplicata* | 4517  | 4562  | 46 | 20  | 2.2  | LSC; IGS (*trnK*-UUU-*rps16*) |
| *Calanthe triplicata* | 5892  | 5917  | 26 | 13  | 2.0  | LSC; CDS (rpl16 intron) |
| *Calanthe triplicata* | 6471  | 6503  | 33 | 12  | 3.0  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe triplicata* | 6600  | 6627  | 28 | 14  | 2.0  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe triplicata* | 6605  | 6669  | 65 | 6  | 10.3  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe triplicata* | 6605  | 6669  | 65 | 18  | 3.4  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe triplicata* | 6626  | 6669  | 44 | 12  | 3.8  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe triplicata* | 6667  | 6694  | 28 | 11  | 2.5  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe triplicata* | 6731  | 6779  | 49 | 19  | 2.5  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Calanthe triplicata* | 9114  | 9185  | 72 | 27  | 2.7  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe triplicata* | 9117  | 9146  | 30 | 15  | 2.0  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe triplicata* | 9225  | 9252  | 28 | 14  | 2.0  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe triplicata* | 9434  | 9470  | 37 | 17  | 2.1  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Calanthe triplicata* | 27845  | 27870  | 26 | 13  | 2.0  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Calanthe triplicata* | 28323  | 28356  | 34 | 17  | 2.0  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Calanthe triplicata* | 30077  | 30101  | 25 | 12  | 2.1  | LSC; IGS (*petN*-*psbM*) |
| *Calanthe triplicata* | 30121  | 30193  | 73 | 33  | 2.3  | LSC; IGS (*petN*-*psbM*) |
| *Calanthe triplicata* | 30172  | 30226  | 55 | 16  | 3.5  | LSC; IGS (*petN*-*psbM*) |
| *Calanthe triplicata* | 32792  | 32838  | 47 | 21  | 2.4  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe triplicata* | 32792  | 32844  | 53 | 13  | 4.0  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe triplicata* | 32794  | 32878  | 85 | 2  | 42.5  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe triplicata* | 32800  | 32859  | 60 | 13  | 4.3  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe triplicata* | 32880  | 32906  | 27 | 13  | 2.1  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe triplicata* | 33191  | 33225  | 35 | 17  | 2.1  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Calanthe triplicata* | 52297  | 52322  | 26 | 13  | 2.0  | LSC; IGS (*ndhC*-*trnV*-UAC) |
| *Calanthe triplicata* | 56151  | 56184  | 34 | 16  | 2.1  | LSC; IGS (*atpB*-*rbcL*) |
| *Calanthe triplicata* | 58630  | 58673  | 44 | 19  | 2.3  | LSC; IGS (*rbcL*-*accD*) |
| *Calanthe triplicata* | 62534  | 62565  | 32 | 16  | 2.0  | LSC; IGS (*ycf4*-*cemA*) |
| *Calanthe triplicata* | 69849  | 69878  | 30 | 15  | 2.0  | LSC; IGS (*rpl33*-*rps18*) |
| *Calanthe triplicata* | 69885  | 69928  | 44 | 21  | 2.1  | LSC; CDS (*rps18*) |
| *Calanthe triplicata* | 73221  | 73246  | 26 | 13  | 2.0  | LSC; CDS (*clpP* intron) |
| *Calanthe triplicata* | 74309  | 74343  | 35 | 15  | 2.3  | LSC; IGS (*clpP*-*p*sbB) |
| *Calanthe triplicata* | 74405  | 74439  | 35 | 17  | 2.1  | LSC; IGS (*clpP*-*psbB*) |
| *Calanthe triplicata* | 74477  | 74519  | 43 | 16  | 2.8  | LSC; IGS (*clpP*-*psbB*) |
| *Calanthe triplicata* | 74594  | 74621  | 28 | 14  | 2.0  | LSC; IGS (*clpP*-*psbB*) |
| *Calanthe triplicata* | 76590  | 76631  | 42 | 17  | 2.4  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe triplicata* | 76743  | 76807  | 65 | 12  | 4.7  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe triplicata* | 76752  | 76787  | 36 | 17  | 2.1  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe triplicata* | 77010  | 77047  | 38 | 15  | 2.4  | LSC; IGS (*psbB*-*psbT*) |
| *Calanthe triplicata* | 79825  | 79862  | 38 | 19  | 2.0  | LSC; CDS (*petD* intron) |
| *Calanthe triplicata* | 82677  | 82702  | 26 | 13  | 2.0  | LSC; IGS (*rps11*-*rpl36*) |
| *Calanthe triplicata* | 83932  | 83971  | 40 | 13  | 3.2  | LSC; IGS (*rps8*-*rpl14*) |
| *Calanthe triplicata* | 85672  | 85712  | 41 | 18  | 2.3  | LSC; CDS (*rpl16* intron) |
| *Calanthe triplicata* | 95132  | 95192  | 61 | 9  | 7.1  | IR1; CDS (*ycf2*) |
| *Calanthe triplicata* | 95145  | 95192  | 48 | 18  | 2.7  | IR1; CDS (*ycf2*) |
| *Calanthe triplicata* | 102926  | 102952  | 27 | 14  | 1.9  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe triplicata* | 102947  | 103015  | 69 | 3  | 23.3  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe triplicata* | 102954  | 103008  | 55 | 8  | 6.8  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe triplicata* | 102959  | 103009  | 51 | 19  | 2.8  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe triplicata* | 103011  | 103054  | 44 | 14  | 3.3  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Calanthe triplicata* | 103239  | 103286  | 48 | 24  | 2.0  | IR1; IGS (*rps12*-trnV-GAC) |
| *Calanthe triplicata* | 116814  | 116864  | 51 | 25  | 2.1  | SSC; IGS (*ndhF*-*rpl32*) |
| *Calanthe triplicata* | 124450  | 124476  | 27 | 13  | 2.1  | SSC; CDS (*ndhA* intron) |
| *Calanthe triplicata* | 127028  | 127108  | 81 | 11  | 7.3  | SSC; IGS (*ndhH*-*rps15*) |
| *Calanthe triplicata* | 127722  | 127765  | 44 | 22  | 2.0  | SSC; IGS (*rps15*-*ycf1*) |
| *Calanthe triplicata* | 129172  | 129202  | 31 | 15  | 2.1  | SSC; CDS (*ycf1*) |
| *Calanthe triplicata* | 142779  | 142826  | 48 | 24  | 2.0  | IR2; CDS (*rps12* intron) |
| *Calanthe triplicata* | 143011  | 143054  | 44 | 14  | 3.3  | IR2; CDS (*rps12* intron) |
| *Calanthe triplicata* | 143050  | 143118  | 69 | 3  | 23.3  | IR2; CDS (*rps12* intron) |
| *Calanthe triplicata* | 143056  | 143106  | 51 | 19  | 2.8  | IR2; CDS (*rps12* intron) |
| *Calanthe triplicata* | 143057  | 143111  | 55 | 8  | 6.8  | IR2; CDS (*rps12* intron) |
| *Calanthe triplicata* | 143113  | 143139  | 27 | 14  | 1.9  | IR2; CDS (*rps12* intron) |
| *Calanthe triplicata* | 150873  | 150920  | 48 | 18  | 2.7  | IR2; CDS (*ycf2*) |
| *Calanthe triplicata* | 150873  | 150933  | 61 | 9  | 7.1  | IR2; CDS (y*c*f2) |
| *Calanthe triplicata* | 150873  | 150933  | 61 | 18  | 3.6  | IR2; CDS (*ycf2*) |
| *Cephalantheropsis obcordata* | 4483  | 4523  | 41 | 13  | 3.2  | LSC; IGS (*trnK*-UUU-*rps16*) |
| *Cephalantheropsis obcordata* | 6346  | 6389  | 44 | 14  | 3.2  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Cephalantheropsis obcordata* | 6350  | 6398  | 49 | 14  | 3.7  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Cephalantheropsis obcordata* | 6478  | 6525  | 48 | 23  | 2.0  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Cephalantheropsis obcordata* | 6493  | 6525  | 33 | 8  | 4.3  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Cephalantheropsis obcordata* | 8782  | 8834  | 53 | 14  | 3.6  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Cephalantheropsis obcordata* | 14120  | 14151  | 32 | 16  | 2.0  | LSC; IGS (*atpH*-*atpI*) |
| *Cephalantheropsis obcordata* | 27955  | 27988  | 34 | 17  | 2.0  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Cephalantheropsis obcordata* | 28133  | 28169  | 37 | 15  | 2.4  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Cephalantheropsis obcordata* | 32353  | 32377  | 25 | 12  | 2.1  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Cephalantheropsis obcordata* | 37000  | 37026  | 27 | 14  | 1.9  | LSC; IGS (*psbZ*-*trnG*-UCC) |
| *Cephalantheropsis obcordata* | 51465  | 51490  | 26 | 13  | 2.0  | LSC; IGS (*ndhC*-trnV-UAC) |
| *Cephalantheropsis obcordata* | 55481  | 55523  | 43 | 8  | 5.4  | LSC; IGS (*atpB*-*rbcL*) |
| *Cephalantheropsis obcordata* | 55484  | 55521  | 38 | 13  | 3.1  | LSC; IGS (*atpB*-*rbcL*) |
| *Cephalantheropsis obcordata* | 55562  | 55595  | 34 | 13  | 2.6  | LSC; IGS (*atpB*-*rbcL*) |
| *Cephalantheropsis obcordata* | 55575  | 55633  | 59 | 21  | 2.7  | LSC; IGS (*atpB*-r*b*cL) |
| *Cephalantheropsis obcordata* | 57786  | 57812  | 27 | 13  | 2.1  | LSC; IGS (*rbcL*-*accD*) |
| *Cephalantheropsis obcordata* | 59754  | 59797  | 44 | 23  | 1.9  | LSC; CDS (*accD*) |
| *Cephalantheropsis obcordata* | 60164  | 60237  | 74 | 26  | 2.9  | LSC; IGS (*accD*-*psaI*) |
| *Cephalantheropsis obcordata* | 60174  | 60228  | 55 | 28  | 2.0  | LSC; IGS (*accD*-*psaI*) |
| *Cephalantheropsis obcordata* | 69486  | 69515  | 30 | 15  | 2.0  | LSC; IGS (*rpl33*-*rps18*) |
| *Cephalantheropsis obcordata* | 69522  | 69565  | 44 | 21  | 2.1  | LSC; IGS (*rpl33*-*rps18*);CDS(*rps18*) |
| *Cephalantheropsis obcordata* | 73201  | 73226  | 26 | 13  | 2.0  | LSC; CDS (*clpP* intron) |
| *Cephalantheropsis obcordata* | 73864  | 73917  | 54 | 17  | 3.2  | LSC; CDS (*clpP* intron) |
| *Cephalantheropsis obcordata* | 73962  | 74023  | 62 | 27  | 2.3  | LSC; CDS (*clpP* intron) |
| *Cephalantheropsis obcordata* | 76029  | 76086  | 58 | 28  | 2.1  | LSC; IGS (*psbB*-*psbT*) |
| *Cephalantheropsis obcordata* | 82032  | 82057  | 26 | 13  | 2.0  | LSC; IGS (*rps11*-*rpl36*) |
| *Cephalantheropsis obcordata* | 84845  | 84887  | 43 | 16  | 2.7  | LSC; CDS (*rpl16* intron) |
| *Cephalantheropsis obcordata* | 84928  | 84961  | 34 | 17  | 2.0  | LSC; CDS (*rpl16* intron) |
| *Cephalantheropsis obcordata* | 85028  | 85068  | 41 | 18  | 2.3  | LSC; CDS (*rpl16* intron) |
| *Cephalantheropsis obcordata* | 94512  | 94572  | 61 | 18  | 3.6  | IR1; CDS (*ycf2*) |
| *Cephalantheropsis obcordata* | 102307  | 102347  | 41 | 10  | 4.4  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Cephalantheropsis obcordata* | 102345  | 102407  | 63 | 12  | 5.0  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Cephalantheropsis obcordata* | 115608  | 115650  | 43 | 20  | 2.2  | SSC; IGS (*ndhF*-*rpl32*) |
| *Cephalantheropsis obcordata* | 115647  | 115675  | 29 | 14  | 2.1  | SSC; IGS (*ndhF*-*rpl32*) |
| *Cephalantheropsis obcordata* | 115685  | 115710  | 26 | 13  | 2.0  | SSC; IGS (*ndhF*-*rpl32*) |
| *Cephalantheropsis obcordata* | 116103  | 116141  | 39 | 17  | 2.3  | SSC; IGS (*ndhF*-*rpl32*) |
| *Cephalantheropsis obcordata* | 116106  | 116144  | 39 | 13  | 3.1  | SSC; IGS (*ndhF*-*rpl32*) |
| *Cephalantheropsis obcordata* | 116633  | 116665  | 33 | 12  | 2.6  | SSC; IGS (*rpl32*-*trnL*-UAG) |
| *Cephalantheropsis obcordata* | 118548  | 118584  | 37 | 19  | 1.9  | SSC; IGS (*ccsA*-*ndhD*);CDS(*ndhD*) |
| *Cephalantheropsis obcordata* | 120692  | 120731  | 40 | 14  | 2.9  | SSC; IGS (*psaC*-*ndhE*) |
| *Cephalantheropsis obcordata* | 120877  | 120934  | 58 | 28  | 2.1  | SSC; IGS (*psaC*-*ndhE*) |
| *Cephalantheropsis obcordata* | 142164  | 142226  | 63 | 12  | 5.0  | IR2; CDS (*rps12* intron) |
| *Cephalantheropsis obcordata* | 142224  | 142264  | 41 | 10  | 4.4  | IR2; CDS (*rps12* intron) |
| *Cephalantheropsis obcordata* | 149999  | 150059  | 61 | 18  | 3.6  | IR2; CDS (*ycf2*) |
| *Cephalantheropsis obcordata* | 150003  | 150047  | 45 | 9  | 5.0  | IR2; CDS (*ycf2*) |
| *Phaius tankervilliae* | 55  | 90  | 36 | 10  | 3.5  | LSC; IGS (*psbA*-*rps19*) |
| *Phaius tankervilliae* | 3528  | 3562  | 35 | 16  | 2.2  | LSC; tRNA (*trnK*-UUU) |
| *Phaius tankervilliae* | 6370  | 6405  | 36 | 15  | 2.3  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Phaius tankervilliae* | 6456  | 6480  | 25 | 12  | 2.1  | LSC; IGS (*rps16*-*trnQ*-UUG) |
| *Phaius tankervilliae* | 8639  | 8664  | 26 | 13  | 2.0  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Phaius tankervilliae* | 9072  | 9103  | 32 | 15  | 2.1  | LSC; IGS (*trnS*-GCU-*trnG*-GCC) |
| *Phaius tankervilliae* | 27910  | 27943  | 34 | 17  | 2.0  | LSC; IGS (*rpoB*-*trnC*-GCA) |
| *Phaius tankervilliae* | 31795  | 31824  | 30 | 15  | 2.0  | LSC; IGS (*trnY*-GUA-*trnE*-UUC) |
| *Phaius tankervilliae* | 32169  | 32256  | 88 | 17  | 5.4  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Phaius tankervilliae* | 32174  | 32256  | 83 | 15  | 5.3  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Phaius tankervilliae* | 32180  | 32262  | 83 | 17  | 5.1  | LSC; IGS (*trnE*-UUC-*trnT*-GGU) |
| *Phaius tankervilliae* | 51416  | 51444  | 29 | 13  | 2.3  | LSC; IGS (*ndhC*-*trnV*-UAC) |
| *Phaius tankervilliae* | 55655  | 55693  | 39 | 13  | 3.2  | LSC; IGS (*atpB*-*rbcL*) |
| *Phaius tankervilliae* | 55656  | 55694  | 39 | 7  | 6.1  | LSC; IGS (*atpB*-*rbcL*) |
| *Phaius tankervilliae* | 55657  | 55693  | 37 | 11  | 3.2  | LSC; IGS (*atpB*-*rbcL*) |
| *Phaius tankervilliae* | 55860  | 55896  | 37 | 18  | 2.1  | LSC; IGS (*atpB*-*rbcL*) |
| *Phaius tankervilliae* | 57869  | 57904  | 36 | 12  | 3.0  | LSC; IGS (*rbcL*-*accD*) |
| *Phaius tankervilliae* | 60354  | 60399  | 46 | 23  | 2.0  | LSC; IGS (*accD*-*psaI*) |
| *Phaius tankervilliae* | 60355  | 60434  | 80 | 26  | 3.2  | LSC; IGS (*accD*-*psaI*) |
| *Phaius tankervilliae* | 69653  | 69682  | 30 | 15  | 2.0  | LSC; IGS (*rpl33*-*rps18*) |
| *Phaius tankervilliae* | 69689  | 69732  | 44 | 21  | 2.1  | LSC; CDS (*rps18*) |
| *Phaius tankervilliae* | 73456  | 73504  | 49 | 13  | 3.8  | LSC; CDS (*clpP* intron) |
| *Phaius tankervilliae* | 74017  | 74049  | 33 | 15  | 2.2  | LSC; IGS (*clpP*-*psbB*) |
| *Phaius tankervilliae* | 74089  | 74117  | 29 | 15  | 1.9  | LSC; IGS (*clpP*-*psbB*) |
| *Phaius tankervilliae* | 77359  | 77404  | 46 | 22  | 2.1  | LSC; IGS (*psbH*-*petB*) |
| *Phaius tankervilliae* | 77366  | 77404  | 39 | 10  | 3.7  | LSC; IGS (*psbH*-*petB*) |
| *Phaius tankervilliae* | 82038  | 82086  | 49 | 24  | 2.0  | LSC; CDS (*rps11*) |
| *Phaius tankervilliae* | 82228  | 82253  | 26 | 13  | 2.0  | LSC; IGS (*rps11*-*rpl36*) |
| *Phaius tankervilliae* | 85017  | 85059  | 43 | 16  | 2.7  | LSC; CDS (*rpl16* intron) |
| *Phaius tankervilliae* | 87033  | 87057  | 25 | 12  | 2.1  | LSC; IGS (*rpl22*-*rps19*) |
| *Phaius tankervilliae* | 94696  | 94756  | 61 | 18  | 3.6  | IR1; CDS (*ycf2*) |
| *Phaius tankervilliae* | 102356  | 102423  | 68 | 31  | 2.2  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Phaius tankervilliae* | 102406  | 102483  | 78 | 26  | 3.1  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Phaius tankervilliae* | 102424  | 102467  | 44 | 15  | 2.9  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Phaius tankervilliae* | 102437  | 102527  | 91 | 20  | 4.4  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Phaius tankervilliae* | 102445  | 102532  | 88 | 29  | 2.8  | IR1; IGS (*rps12*-*trnV*-GAC) |
| *Phaius tankervilliae* | 115819  | 115856  | 38 | 20  | 2.0  | SSC; IGS (*ndhF*-*rpl32*) |
| *Phaius tankervilliae* | 115955  | 116003  | 49 | 17  | 2.8  | SSC; IGS (*ndhF*-*rpl32*) |
| *Phaius tankervilliae* | 115960  | 116011  | 52 | 18  | 2.9  | SSC; IGS (*ndhF*-*rpl32*) |
| *Phaius tankervilliae* | 116167  | 116192  | 26 | 13  | 2.0  | SSC; IGS (*ndhF*-*rpl32*) |
| *Phaius tankervilliae* | 116313  | 116352  | 40 | 17  | 2.4  | SSC; IGS (*ndhF*-*rpl32*) |
| *Phaius tankervilliae* | 118749  | 118785  | 37 | 19  | 1.9  | SSC; IGS (*ccsA*-*ndhD*);CDS(*ndhD*) |
| *Phaius tankervilliae* | 120895  | 120919  | 25 | 10  | 2.5  | SSC; IGS (*psaC*-*ndhE*) |
| *Phaius tankervilliae* | 142336  | 142423  | 88 | 29  | 2.8  | IR2; IGS (*rps12* intron) |
| *Phaius tankervilliae* | 142384  | 142445  | 62 | 20  | 3.1  | IR2; IGS (*rps12* intron) |
| *Phaius tankervilliae* | 142385  | 142462  | 78 | 26  | 3.1  | IR2; IGS (*rps12* intron) |
| *Phaius tankervilliae* | 142401  | 142444  | 44 | 16  | 2.9  | IR2; IGS (*rps12* intron) |
| *Phaius tankervilliae* | 142445  | 142512  | 68 | 31  | 2.2  | IR2; IGS (*rps12* intron) |
| *Phaius tankervilliae* | 150112  | 150172  | 61 | 18  | 3.6  | IR2; CDS (*ycf2*) |
| *Phaius tankervilliae* | 150116  | 150160  | 45 | 9  | 5.0  | IR2; CDS (*ycf2*) |
| *Phaius tankervilliae* | 157811  | 157835  | 25 | 12  | 2.1  | IR2; IGS (*rps19*-*psbA*) |