**Table S2** Intron distribution of *P. atropurpura* chloroplast genome

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Gene | Location | Exon I(bp) | Intron I(bp) | Exon II(bp) | Intron II(bp) | Exon III(bp) | |
| *trnK-UUU* | LSC | 39 | 2529 | 37 |  |  |  |
| *rps16* | LSC | 40 | 882 | 224 |  |  |  |
| *ycf3* | LSC | 126 | 806 | 228 | 730 | 153 |  |
| *trnL-UAA* | LSC | 50 | 514 | 37 |  |  |  |
| *trnV-UAC* | LSC | 39 | 589 | 37 |  |  |  |
| *petB* | LSC | 6 | 745 | 657 |  |  |  |
| *petD* | LSC | 9 | 746 | 525 |  |  |  |
| *rps12* | IRb | 114 | - | 26 | 538 | 232 |  |
| *trnG-GCC* | LSC | 23 | 716 | 48 |  |  |  |
| *atpF* | LSC | 158 | 721 | 409 |  |  |  |
| *clpP* | LSC | 411 | 17 | 66 |  |  |  |
| *rpoC1* | LSC | 429 | 731 | 1635 |  |  |  |
| *rpl16* | LSC | 9 | 1079 | 402 |  |  |  |
| *rpl2* | LSC | 393 | 839 | 435 |  |  |  |
| *ndhB* | IRb | 81 | 62 | 570 |  |  |  |
| *trnI-GAU* | IRb | 42 | 942 | 35 |  |  |  |
| *trnA-UGC* | IRb | 38 | 807 | 35 |  |  |  |
| *trnA-UGC* | IRa | 38 | 807 | 35 |  |  |  |
| *trnI-GAU* | IRa | 42 | 942 | 35 |  |  |  |
| *ndhB* | IRa | 81 | 62 | 570 |  |  |  |