

	130	140	150	160	170	180	190	200	210	220																							
Consensus Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
1. <i>P. actinia</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
2. <i>P. edulis</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
3. <i>P. lauriflora</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
4. <i>P. nitida</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
5. <i>P. quadrangularis</i> - rp... Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
6. <i>P. serratifolia</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
7. <i>P. vitifolia</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
8. <i>P. oerstedii</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
9. <i>P. retipetala</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
10. <i>P. ligularis</i> - rps7 Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
11. <i>P. serratodigitata</i> - r... Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATCCGTTTGACGTCAAGCAATACGTGGAGTAACTCCCGATATAGCA	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	*	R	Q	A	I	R	G	V	T	P	D	I	A			
12. <i>Populus trichocarp...</i> Frame 1	ΓCTATCGAGCCATGAAAAAGATTCAACAAAAGACAGAAACAAATCCACTATC T G T T T A C T C A A G C A A T A C G T G G A G T A A C T C C C G A T A T A G C A	-	Y	R	A	M	K	K	I	Q	Q	K	T	E	T	N	P	L	S	V	L	H	Q	A	I	R	G	V	T	P	D	I	A