

Pina-D1a / Sina Wanad (seq1 - KC784350)

850-1296	ATGAAGGCCCTCTTCCTCATAGGACTGCTTGCTCTGGTAGCGAGCACCGC	50
Seq1	.....T.....T..G...CC..C.....	50
850-1296	CTTTGCGCAATATAGCGAAGTTGTTGGCAGTTACGATGTTGCTGGCGGGG	100
Seq1	.....---	97
850-1296	GTGGTGTCTCAACAATGCCCTGTAGAGACAAAGCTAAATTCATGCAGGAAT	150
Seq1	.....C.....C.....	147
850-1296	TACCTGCTAGATCGATGCTCAACGATGAAGGATTTCCCGGTCACCTGGCG	200
Seq1	.....AA.....C.....G.....A	197
850-1296	TTGGTGGAAATGGTGGAAAGGGAGGTTGTCAAGAGCTCCTTGGGGAGTGTT	250
Seq1	G.....	247
850-1296	GCAGTCGGCTCGGCCAAATGCCACCGCAATGCCGCTGCAACATCATCCAG	300
Seq1	....C.A.....	297
850-1296	GGGTCAATCCAAGGCGATCTCGGTGGCATTCTCGGATTTTCAGCGTGATCG	350
Seq1	.....C..	347
850-1296	GGCAAGCAAAGTGATACAAGAAGCCAAGAACCTGCCGCCAGGTGCAACC	400
Seq1	.....A.....	397
850-1296	AGGGCCCTCCCTGCAACATCCCCGGCACTATTGGCTATTACTGGTGA	447
Seq1	.....G.....C...G.....	444

Pinb-D1a / Sinb Wanad (seq2 - KC784351)

274-720	ATGAAGACCT---TATTCCTCCTAGCTCTCCTTGCTCTTGTAGCGAGCAC	47
Seq2	.....GCT.....	50
274-720	AACCTTCGCGCAATACTCAGAAGTTGGCGGCTGGTACAATGAAGTTGGCG	97
Seq2	.....G.....	100
274-720	GAGGAGGTGGTTCTCAACAATGTCCGCAGGAGCGGCCGAAGCTAAGCTCT	147
Seq2	.....G.....C...T.....	150
274-720	TGCAAGGATTACGTGATGGAGCGATGTTTCACAATGAAGGATTTTCCAGT	197
Seq2	....T.....G.....	200
274-720	CACCTGGCCACAAAATGGTGGAAAGGGCGGCTGTGAGCATGAGGTTCCGG	247
Seq2	...T.....G.G.....T.....C.....	250
274-720	AGAAGTGCTGCAAGCAGCTGAGCCAGATAGCACCACAATGTCGCTGTGAT	297
Seq2	.....T.....T.....T.....G.....C...	300
274-720	TCTATCCGGCGAGTGATCCAAGGCAGGCTCGGTGGCTTCTTGGGCATTTG	347
Seq2	.....AG..A.....A.T...A.....C.....	350
274-720	GCGAGGTGAGGTATTCAAACAACCTCAGAGGGCCAGAGCCTCCCCTCAA	397
Seq2	.....T.....AC...A.....G.	400
274-720	AGTGCAACATGGGCGCCGACTGCAAGTTCCTAGTGGCTATTACTGGTGA	447
Seq2	.....A.....G.....	450

Figure S2. Alignment of the *Sina* and *Sinb* sequences of cv. Wanad with *Pina* and *Pinb* by DNASTAR Lasergene software.