

Table S1. Oligonucleotide primers

Primer	Amino acids	DNA sequence
PDEF1	LGHSHL/FDHV	5'-CCTCGGTCACAGTCATYTNAYCAAYGT-3'
PDER1	MFGHLRPR	5'-GGTCTTGGACGGAGRTGNCCRAACAT-3'
PDERN1	FS/C/WDTGVPS	5'-GGATGGAACACCAGTRTCNCWRAA-3'
PdsA-51A	FSDTGV	5'-TTYTCNGAYACNNGNGTNCC-3'
PdsA-51B	FSDTGV	5'-TTYAGYGAYACNNGNGTNCC-3'
PdsA-3E	PEQGEPI	5'-ATIGGNWCNCCYTGYTCNGG-3'
PdsA-3N	PNQGV/D/EI	5'-ATIGGNWCNCCYTGRRTNNGG-3'
PdsA-32	IPNQGD	5'-GGRTCNCCTYGRRTNNGDAT-3'
Dmin PdsAEx5'		5'-CCGGATCCAAATCGACACTTAACCTTTTCAAGATAATTATAAT-TATTATCCTCATAAAATCAAATTTCAACAAATGAGACAGCTGATC-3'
Dmin PdsAEx3'		5'-CCCCTCGAGTTATATACAAATTGGTTCACCTTGTTTCAGG-3'
PdsA-53Xh		CCGCTCGAGCACCATCACAAAACCCAAGTC
PdsA-33H		CCCAAGCTTAAGGAAAACCAACTGAGAC
PdsA-52B		CGGGATCCAACCTGGAATCAACGTAG
PdsA-32S		CGAGCTCGTACAAACGATGCTTGTAACC
PdsA-P51X		GCTCTAGAGGTGAATGTTCACTCATCAGGGCACACT
PdsA-P52X		GCTCTAGAGGTTTACTAAATGTGTCAGCCTGACTTTG
PdsA-P31B		CGGGATCCAAGTCATTGGAATACATATTATATGG
PdsA-P32B		CGGGATCCTTAATACATTGGTTAGTTGATACATGG
PdsA-R54		CCCATTGAAGGTGGTCTGTTAGG
PdsA-R33		CCACTTGGTACACCAGTATCAGAG
PdsA-R53		GACCAAGAAGGGTTCCAACGTCTTC
PdsA-R34		GCCGATGGTGGCAAGTAATCTTCTG
PdsA-R56		CCATCACGAGCAAGTACCAG
PdsA-R36		AGGGGAAGGATAGGCAGTAG
PdsA-R55		AACACTCCACAGCCCTCACA
PdsA-R38		TGGCGAAGCAGGATAAGGGTAAG
PdsA-R37		GTTTGGTGAGTATGGCGAAGCAG