

GmSACPD-A 330 GAGCTTCCAGATGATTACTTTGTTGTTCTGGTCGGAGACATGATCACAGAGGAAGC
GmSACPD-B 330 GAGCTTCCAGATGATTACTTTGTTGTTCTGGTCGGAGACATGATCACAGAGGAAGC
PvSACPD-A' / B' GAGCTTCCAGATGATTACTTTGTTGTTCTGGTTGGAGACATGATCACAGAGGAAGC
GmSACPD-C 306 GAGTTACCTGATGAGTACTTTGTTGTTGCTGGTGGTGATATGGTCACCGAGGACGC
PvSACPD-C' GAACTACCTGACGAGTACTTCGTGGTGCTGGTGGTGACATGGTCACCGAAGACGC

GmSACPD-A CCTGCCTACTTACCAAACAATGTTAAATACTTTGGATGGAGTTCGTGATGAAACAG
GmSACPD-B CCTGCCTACTTACCAAACAATGTTAAATACTTTGGATGGAGTTCGTGATGAAACAG
PvSACPD-A' / B' CCTACTTACCAAACAATGTTAAATACATTGGATGGAGTTCGTGATGAAACAGGCGC
GmSACPD-C CCCACCTTACCAGACCATGATCAACAACCTTGATGGAGTGAAGATGACAGCGGCAC
PvSACPD-C' CCCACCTTACCAGACTATGATCAACAACCTCGACGGGCTGAGAGACGAGTGCGGAAAC

GmSACPD-A CTTACTTCTGGGCAATTTGGACAAGGGCATGGACTGCTGAAGAAAACAGACACGG
GmSACPD-B CTTACTTCTGGGCAATTTGGACAAGGGCATGGACTGCTGAAGAAAACAGACACGG
PvSACPD-A/B' CTTACTTCTGGGCACTCTGGACAAGGGCATGGACTGCTGAAGAAAATCGACATGG
GmSACPD-C CCGAGCCCGTGGGCCGTGTGGACCCGGGCCGTTGACCGCCGAGAAAACAGACACGG
PvSACPD-C' CCAAGCCCGTGGGCCGTGTGGACCCGGGCCGTTGACCGCAGAAGAAAACAGACACGG

GmSACPD-A TGATCTTCTTAACAAATATCTTTACTTGAGTGGTCGAGTTGACATGAAACAAATTG
GmSACPD-B TGATCTTCTTAACAAATATCTTTACTTGAGTGGTCGAGTTGACATGAAACAAATTG
PvSACPD-A' / B' TGATCTTCTTAACAAGTATCTTTACTTTAGTGGACGAGTTGACATGAGACAAATTG
GmSACPD-C GGATCCTGCTCAGAACTTATTTGTA TCTCTCTGGGAGGGTTGACATGGCTAAGGTC
PvSACPD-C' TGATCTTCTCAGAACTTACTTGTACTCTCTGGTCGCGTTGACATGGCTAAGGTT

GmSACPD-A AAAAGACAATTCAGTACCTTATTGGG 606
GmSACPD-B AAAAGACAATTCAGTACCTTATTGGG 606
PvSACPD-A' / B' AGAAGACAATTCAGCACCCGGATGGG
GmSACPD-C AAAAGACCGTACATTACCTCATTCA 582
PvSACPD-C' AAAACTTGTCATTACCTCATCGGA

Additional file 3