

SVSP vPER Core:Consensus/1-655 Percentage Identity Consensus	ATTCAGCTGTTCA CACC ACTTTGGCAGAAACAGTAGCTAAATTTTTGTTGCCCAGGCCCAGAATGGACTTCGGGAAGCGGCATCCACACAGA AA ACCGGTTGTTACATATTTGAATCCCACCAC TGTT CAGGCTGCATGATATAGAGCCAAGTTACATAAGGATGTGAAGGGT	175
PER16 SVSP 2::scaffold-mi2:8535550-8536059/1-504	ATTCAGCTGGTTCC CAC TACTTTGGCAGAAACAGTAGCTAAATTTTTGTTGCCCAGGCCCAGAATGGAT TTCT GGAAGC AG CATCCACACAG .. AACCGTTGTTACATATTTGAATCCCACCAC TGTT CAGGCTGCATGAT CT AGAGCCAAGTTACATAAGGATGTGAAGGGT	173
PER26 SVSP 4.SVSP 11.SVSP 7::scaffold-mi2:8828181-8829001/1-465	.....CACC ACTTTGGCAGAAACTG TAGCTAA ATTTTTGTTGCCCAGGCCCAGAATGGACTTCGGGAAGCGGCATCCACACAGA AA AC CA GTGTTTCACATATTTGAATCCC GC CACTGTT CAGGCTGC ATGATATAGAGCCAAGTTACATAAGGATGTGAAGGGT	161
PER20 SVSP 2.SVSP 5::scaffold-mi2:8735648-8735968/1-320	.....CITGTTGCCCAGGCCCAGAATGGAT TTCC GGAAGC AG CATCCACA GAGA GAACCGGTTGTTACATATTTGAATCCCACCAC TGTT CAGGCTGCATGATATAGAGCCAAGTTACATAAGGATGTGAAT CT AT	131
PER21 SVSP 5::scaffold-mi2:8737083-8737692/1-608	ATTGAGCTGTTCA CACC ACTTCGGCAGAACTCC TAGCTAA TTTTTTGTTGCCCAGGCCCAGAATGGACTTC AGA AGCGGCATCCACACAGA GA ACCGGTTGTTACATATTTGAATCCCACCAC TGTT CAGGCTGCATGAT CTAA AGCCAAGTTACATAAGGATGTGAAGGGT	175
R PER28 SVSP 11::scaffold-mi2:8849320-8849765/66-445	.....GG CCCAGAATGGACTTCGGGAAGCGGCATCCACACAGA AA ACT GG TTGTTACATATTTGAATGCC AG CACTGTT CAGGCTGC ATGATATAGAGCCA G TTACATAAGGATGTGAAG CA TT	120
PER23 SVSP 6::scaffold-mi2:8753465-8753893/1-404		

SVSP vPER Core:Consensus/1-655 Percentage Identity Consensus	TCT GGAACAAAGGGAAATTGTTTAGTCTAACTGTTGCTTTCTTGCTTTTTGTAA TCAG CTTTTGCACCAGAGAAATTTTCATGCAAGCTTGGGAAACGTGTACATGGATGGGATATACTGAAGGAGG AA AATAAGGGAGTGTACAGGAATGATTGATGTCTTTCTTATGATGGA ATG	350
PER16 SVSP 2::scaffold-mi2:8535550-8536059/1-504	TCT GGAACAAAGGG AG ATTGTTTAGTCTAACTGTTGCTTTCTTGCTTTTTG AAATCG CTTTTGCACCAGAGAAATTTTCATGCAAGCTTGGGAAACGTGTACATGGATGGGATAT CTG GAAGGAGG GA AATAAGGGAGTGTACAGGAATGATTGATGTCTTTCTTATGATGGA ATG	348
PER26 SVSP 4.SVSP 11.SVSP 7::scaffold-mi2:8828181-8829001/1-465	.....AA ATTGTTTAGTCTAACTGTTGCTTT TTGCTA TTTGTAAT GAG CTTTTGCACCAGAGAAATTTTCATGCAAGCTTGGG AA CC CT GTACATGGATGGGATATACTGAAGGAGG CG AATAAGGGAGTGTACAGGAATGATTGATGTCTTTCTTATGATGGA ATG	160
PER20 SVSP 2.SVSP 5::scaffold-mi2:8735648-8735968/1-320	TCT GGAACAAAGGGAAATTGTTTAGTCTAACTGTTG GTTTCTTGCTTTT TG	212
PER21 SVSP 5::scaffold-mi2:8737083-8737692/1-608	TCT GGAAC .. AGGAAATTG CT AGTCTAACTGTTGCTTT TTGCT TTTTGTAA TCAG CTTT AG CACACAGAGAAATTTTCAT AG AAGCTTGGGAAACGTGTAT TC GATGGATATATACTGAAGGAG GA AATA AC CGAGTGTACAGGAATGATTGATGTCTTTCTTATGATGGA ATG	303
R PER28 SVSP 11::scaffold-mi2:8849320-8849765/66-445	TC TC CA AAACAAAGGGAAATT CT T..... TC TTGCTT CT TGTAAT..... C ACCAGAGAAATTTTCATGCAAGCTTGGGAAACGTGTACATGGATGGGATATACTGAAGGAG GA AATAAGG AA AGTGTACAGGA ...TG ATGTCTTTCTTATGAT CTAA ATG	321
PER23 SVSP 6::scaffold-mi2:8753465-8753893/1-404	TC TGGAACAAAGGGAAATTGTTTAGTCTAA T TGTTGCTTTCTTGCTTTTTG GAATCG CTTTTGCA CA TAGAAATTTTCATGCAAGCTTGG CTA AG AT GTACATGGATGGGATATAC..... AT GTAT AT GGATGA AT ATGATGCTTTCTTATGAT CTAA ATG	276

SVSP vPER Core:Consensus/1-655 Percentage Identity Consensus	GCT CTGTTGCTGATTTTCATTGGCTAACAAAGTTTATAAAAGCAATGCTACCAACTTTCTAAGACGTGGCACTTCTGGACGTGACTCTGCCAGCCTTCCAGATTGTTGGCCACCCAGCTGCTTAATTTGATCAAAATAAAG TC TGCTTA AT CAAGAAATCTCCTCTAGGGTTATC	525
PER16 SVSP 2::scaffold-mi2:8535550-8536059/1-504	GCT CTGTTGCTGAT CTT CATTGGCTAACAAAG CTT ATAAAAGCAATGCTAC AA ACTTTCTAAGACGTGGCACTTCTGGAT GT GACTCTGC GAGCA TTCC CA ATTGT .. GGCCACCC AA CTGCTTAATTTGATCAAAATAAAG TC TGCTTA AT CAAGAA.....	504
PER26 SVSP 4.SVSP 11.SVSP 7::scaffold-mi2:8828181-8829001/1-465	GCT CTGTTGCTGAT CTT CATTGG TT TAACAAAG TTG ATAAAAGCAAT CT ACCAACTTTCTA AC ACGTGG T ACTTCTGGACGTGACTCTGCCAGCCTTCCAGATTGTTGG AC ACCCAGCTGCTTAATTTGATCAAAATAAAG TC TTGCTTA AT CAAGAA AG TCTCCTCTTGGGTTATC	335
PER20 SVSP 2.SVSP 5::scaffold-mi2:8735648-8735968/1-320	GCT CTGTTGCTGATTTT T ATTGGCTAACAAAGTT TA CAAAAGCAATGCTACCAACTTTCTAATGTGTGGCACTTCTGGAC ATA ACTCTGCCAGCCTTCCAGATTGTTG.....	320
PER21 SVSP 5::scaffold-mi2:8737083-8737692/1-608	GCT CTGTTGCTGATTTTCATTGGCTAACAAAGTT TA CAAAAGCAATGCTACCAACTTTCTAAGACGTGGCACT TTT TGGAT AT AGACTCTGCCAGCCTTCCAGATTGTTGGCC ACT AGCTGCTTAATTTGATCAAAATAAAG TC TGCTTA CT GAAGAAATCTCCTCTAGGGTTATC	478
R PER28 SVSP 11::scaffold-mi2:8849320-8849765/66-445	GCT CTGTTGCTGATTTTCATTGGCTAACAAAG CT ATAAAAGCAAT ATA TGGTA ATCT	380
PER23 SVSP 6::scaffold-mi2:8753465-8753893/1-404	GCT CTGTTGCTGATTTT T ATTGGCTAAC CA AGT G TATAAAAGCAATGCTACCAACTTT CTC AGACGT GA CACT TC TGGACGTGACTCTGCC AGT GTCCAGATTGTTGGCCACCCAGCTGCTTAATTT.....	404

SVSP vPER Core:Consensus/1-655 Percentage Identity Consensus	TAATTAGAGTAATATGGAATCTCAAGTTTAAGTAAGGGACTGGGACCTTACAGTACCATGCATGTATTTTCATTTGTATGGTGCCATCACAAACACACATGCCTCTGATTCCCTAGTAGATACTGCCTTTAA	655
PER16 SVSP 2::scaffold-mi2:8535550-8536059/1-504	TAATTAGATTAAATATGGTATATCTCAAGTTTAAGTAAGGGACTGGGACCTTACAGTACCATGCATGTATTTTCATTTGTATTGTGCCATCACAAACACACGTGCCTCTGATTCCCTAGTAGATACTGCCTTTAA	504
PER26 SVSP 4.SVSP 11.SVSP 7::scaffold-mi2:8828181-8829001/1-465	.....	465
PER20 SVSP 2.SVSP 5::scaffold-mi2:8735648-8735968/1-320	TAATTAGAGTAATATGGAATCTGAAGTTTAAGTAAGGGACTGGGACCTTACAGTACCATGCATGTATTTTCATTTGTATGGTGCCATCACAAACACACATGCCTCTGATTCCCTAGTAGATACTGCCTTTAA	320
PER21 SVSP 5::scaffold-mi2:8737083-8737692/1-608	.....	608
R PER28 SVSP 11::scaffold-mi2:8849320-8849765/66-445	.....	380
PER23 SVSP 6::scaffold-mi2:8753465-8753893/1-404	.....	404