

Supplemental Table 2. VeraCode Design for *P. vivax* work

Locus_Name	Sequence	Chromosome	Start	End	SNP_loc
Pv01_655621	CGACACGTGGCCGACGTCTTCATATCGTTGGGGTTGAGGAGCAGCGGGT GGTTGCAGAT[T/C]TTCTCCAGCTTCTTAATATTGATGAGCACGTTACCTT ATTGGTGCTCTGCTCATTCTTC	1	655561	655681	655621
Pv01_737143	GGCTTCTATAAAAATGAAAAATTTTTGGAGCAGAATCTGAATTTGGGGAAT TTGATTAAG[C/G]TGGAGAAGGAGAAGCTGCAAAATAGCGGCGGCGGTC GGAGGGGCGCCGCGGGGCTGAGTG	1	737083	737203	737143
Pv02_627583	CAAAAACCTGAACATCAAAAAGATCGAACGGATAAGGAAAAGCGTCAGTC TAGGCAGCCA[T/G]TTTTTCAACCACAAAAATCCAATTAACGATGAGTCGG GAGGAAGAGAACCCGTTCCAGG	2	627523	627643	627583
Pv02_689038	AGTGAGTGCGAAGATTTAATAAGAAAGGGTATGGAAAAAGGAAAGCTG AAACGGGTTCG[T/C]CATTTTTTATGACAAATGTACATGGGGATAGTTTCCC AAGTGGGGAGGAGGCCCTTTTG	2	688978	689098	689038
Pv03_301681	CCGCTTCCAACTTTTGGATGTTTTTAAATTTGCCCTTCCCTTTTGTGGCTG AAAACGG[T/C]GTAGTAACCTTCAAAAATGGGGAACGTAAGTGCCGT TTTTCCACAGAGCTGCCTGA	3	301621	301741	301681
Pv03_594923	AGAGTCGATTAGCAGTCTCGGCGTTAGCGAGTGAGAGCATAGGTTCTTAA ACGGGTCTCC[T/C]AACCTCCCAATTAGTTTTAATAATTCGTATTTTATGGG GTCTATTAGACCGAAGGGTAAC	3	594863	594983	594923
Pv03_717122	GGGCCAAACGAAACGCCACCCTCTAAACAACCAATTTCAGAAGAAGAC ATGAGTTGTG[T/C]CTGGCCCTACAGCATCACAATAGATATTATTTTGCA ATATGAGCAAGGGGACGGTGCA	3	717062	717182	717122
Pv03_785501	CTACTTCTCCCCCGCTGGCACCCTGGAGAGCTCTCCGAGAATGCGTTC AGGCAGTTT[T/C]CCCTCCTCTACTGCTGCATATGTGAGGGAAGTCAC GTATTTTATTGATGAGGAGTT	3	785441	785561	785501
Pv04_370876	TTCAGTGACTCCAAGGCGTATTTCTTCGGTTTTTCGAAGGAGCTGCTGGTG CACTGCATG[A/C]GGGTGTATTACTACGAGCAGCTCTGCTCGGCCGCAAC TGCGGGGGGAGCGCGCATGAGG	4	370816	370936	370876
Pv04_508314	GACGTTTTTTTTTTCTTCTCTCCTCTTTAGCATCTTGGGATCATTCTAA ATTTGC[A/G]TATTTGCGCTTATTGATGGCGCACTTCATATTGAAGGAGTCA AACTCGGTTAGCCTCTTC	4	508254	508374	508314
Pv04_696267	ATGTACATCTCGGAGATGACCACAAGGACAAGAAGGGCGCCTACGGGGT CCTCCACCAG[T/C]TGTTTCATCACCTTTGGGATATTCTGATGCGGTGCTGTTG GGCATGGCCATGGGGGAGGCC	4	696207	696327	696267
Pv04_792480	GCTGCTGAATCAGGCGGACTACTCAGAGGTAAGACCCCAACAAAACAGT GATCGAGGAC[A/G]GTGAGAATGTAACTTGACAGTAGATGATGGTGAAG AATTGTACACAGATGTAAATTCTG	4	792420	792540	792480
Pv05_179561	CTACTGCATAGTAAACATCTGGCTGGAAAAAAAAAATGATAGGGTCA TTGCTCTGTT[C/G]CTAGCCAATCACCTTTCAACGATTCTTTTTTAACCTCC TCCAAAGGAACGCATGCGTC	5	179501	179621	179561
Pv05_323176	CAAATGGAGAAAGTGACCAAAGCGGGAAAGGAATACTCCCGAGGAAAG CATCATCCACA[C/G]ACTGTACAATAACGCTGTCCATACCCTCTCCGTTTTTC TGAAAAATGTAGAGACGTACTC	5	323116	323236	323176
Pv05_499928	CATCAAGGGGTGGCGCCGATCGGAGTAGGAATGGATTGTTACTCTCCTTC AAAGGGACC[T/C]CTCCTACTGGGTTCCCCCATTCGTTTGCCGCACACCA GAGGGGCACCCCAAGTGATTC	5	499868	499988	499928
Pv05_538751	AAAAAATGCGGGCAGGAAAAAGGGCCAGGGATAGGGATAGCGTTAGAAA GGGGAGCCACA[T/G]CCAGCTAGATAGGACCCACAAGGAGAAGAACTTT CCCCGAAACGCCCAAAATGACCTG	5	538691	538811	538751
Pv05_1104008	CGCTGCCTTCATAGTGAAGGTCATCAATTCGCAAATAATGGGATTCACAA AATGGCCAA[T/C]TTCTTATGCCTCTATCGGTATAGGGACCTGCTGAATGCC CTCCACCAGTACTTGATCCAA	5	1103948	1104068	1104008

Pv05_1201371	TGCACAACAAAATAACCTTCCCAAAATGGTGTAACCTTCGTAAAAACAGGAA AGGGAAGAA[A/C]GTTGGCTCCCCTAAATGAGGACTGGTATTTTGTGAAA GCGTCGAGCATCTTGAGGAAATT CACGTGTGCCGATTGGAGAAGAAGGCTTTGTTCTGCACCCCTTTGATGA	5	1201311	1201431	1201371
Pv05_1216806	CATCCCCC[T/G]GGGGATTAAAAAGACTCCTATTTTGTATGAGGGGGA CGTTGGTGACCATCTGAAGGGC ATGCCCCGTACGCGTCGAACAGTAGGCTGTACAGCCCGTGCCTCTCCACCTG	5	1216746	1216866	1216806
Pv06_126837	ACCGTCCTC[C/G]TTGTGAGACGAAATGATGTTTTTACCAGCCGGTTGTG CGAGACCCACTGGGTGAAGTCG CTTTCCATTTTCTATTTTCTGCACCACGTTAATCTTCTTATGATTCAACAC	6	126777	126897	126837
Pv06_274421	GATATT[A/G]TTGTGCTCCTTCACAATGTTAACGTTGCAAGAAAAAACAAA CACCTATTCTGCTGGCAA GAGTAGTTCTTATTCAGCTCAAAGTGCAAATTGCCATTTTCCCTTCCCACTT	6	274361	274481	274421
Pv06_488587	CATCCGTG[T/C]TTCTAAAACCTCGTCGATGATGTCTTCTCACCATCAAA GCTGAGCTCGAATAAAAAAT AGGGGAAAAAAAACCCTAGACAATCACCTGAATAACATAATCACCATCA	6	488527	488647	488587
Pv06_891710	GCTTCGTCTA[T/C]GCCCTTACGTCCTTATGGACCAGCAGTTTAGGGCCCA ATTTGAGGGGTTCATTTTAAG TCGAAAATATCAGCAGCAAAATTGATTTTCTGTCACGCACTTTAACTACG	6	891650	891770	891710
Pv06_980923	ACGTGAATA[A/C]CAACGAGGTTATGAAGAAGTCGAGATAATGGAGAAT AACATGTACGCATACATCTCCAC CGACTACGCCGTTGTGCAGATATGCAAGATATGCCGAATTTTAGACTTTGA	6	980863	980983	980923
Pv06_999554	CATCTCGCA[T/C]CTGATGCTGATTGGCTTTGGGGGGTCGGGCAAGCAGTC CCTGGTGAAGCTGAGCATCTTC TTCTGTACAGTTCATCCATTTCTTTTTCTCGTTCAGCTTATCATAAAGT	6	999494	999614	999554
Pv07_14335	GCCAGCA[T/C]ATTTTGGACGCTCCCTCTACAATGCTAATATCGCTATTTT GGTGAATAAATATAATTC TAGGTCTCAAGTACAAACAGTTGCAAACTTACAATTTGTCCTTACGGAACG	7	14275	14395	14335
Pv07_73440	AAATCACGG[C/G]AATAAAATTAAGGTGCCAATTATATTTGCGCTTTTGTG TTGAAGCGTACCCGTAAAGAT CCTGTTGGTGATTCCCAAAGATTTCGATGTAACCTATGTGTTCTGAATCTCTG	7	73380	73500	73440
Pv07_141420	TTCATTCT[A/G]TCCTCCATTTCTTCATTTATTTTCGATGTTTCCAAATTCATCC TCTTGGGACTTCTTCGGC CTCCCTGATTAGGGACATCTACCTCATGTACAGCGAAAAGAAATGCCCCCT	7	141360	141480	141420
Pv07_303395	CAATCTGCT[C/G]CTACTGCTACAAGAGTTTAGCGAAAAGGAGCTACAGAA TTGTAAGACCAACTTCCAAGTG CCCAAAAATTCAACAAATTATAAAGAATTCTTTAATGGAAAGGAACCAAA	7	303335	303455	303395
Pv07_672072	TAGAGGTAT[A/C]AACCCAGATGAAGCTGTAGCATACGGTGCTGCCATCCA AGCTGGAATCATTTTGGGAGAA GACTGAGTTGAAATTTGTATCTTTTCCCTTCACAAAGGTTTTACTAGACGT	7	672012	672132	672072
Pv07_823425	TTGCTTGT[A/G]CTGCCTCTTTTAAACGCGCTAGGTATGTAGCAGTCCCG TTGGTGTTTTCCACACTGGG ATGCTTCTGCTGAACGATGTTGGGTACTCCTGCTTTGTCTCCTTCATATTTG	7	823365	823485	823425
Pv07_1140487	CCATTTTG[T/C]TTTGGGCCTTTTACATTTTCAACAAGGCCATGGGGTAAGG GGGGTGCGCCGCGAAAAAAA TATGCACCAGGGGAGTGGATCCACAGAAGGACCATTAGCTGGCACCCACT	7	1140427	1140547	1140487
Pv07_1294884	TCCGACACAA[T/C]AACGTAGTGTTTGGCTCTAAAAATGATTCTACGTGGAG AGCTGCAAGAAAACCTCAGCTTC ACATACAATGTATGAGCTTTTTTCAAAGCGGAAGGAAACCAGTAGCTTGTG	7	1294824	1294944	1294884
Pv08_72119	GTAACCTGTT[A/C]GGTGAAAGCTGTCTTCCCTTTTTAACTCAAATACATGG CTTCTGCTACATTATTACTGA GAAATTGAAATAGTTCAAATATTGTAAAACGGGGCTACGGTTACTATTATC	8	72059	72179	72119
Pv08_108957	AGCTGGTAC[T/C]ATCGTCTGTGTTTTTGTGTTCTCCTGTTACTTGCCCAT CACCATCATTTGAAGTACCC	8	108897	109017	108957

Pv08_293076	CGCGTGTGTTATCGCACGGAAGAAACCAAGTTGTGTATTTCTTGTTGGTAT TTCCAGGAC[T/C]TTTTCTTCAGCTCCTTCGCGGCTAGGTGTTGCTGGTAGG TTCCCTAGTGGGGGGGTAGGC	8	293016	293136	293076
Pv08_702981	TTGCCTGACCAGGTGGTCATTACAGCACTCCTTCATGTCTCTACTTGCTACA TCCGAAAG[A/G]GGAGTCCCCCTGTTCTTCAGCTTACATTTTGTACATAC CTCCGGGTTGTCTCCTCCTC	8	702921	703041	702981
Pv08_747638	TTGGTTGGCACTATTAGATGCAGCGAAATGTTCCCCGTTGTGGATCTTCTTT CCTAGGGC[T/G]TTACTTGGTGGGTTATTCTTAACGTTGCTTGCACTGTTTT GTAAGAAGGGGTGAGCCGGT	8	747578	747698	747638
Pv08_1598514	CTGAAGAGGAGCTCCAAGAGCAGCGAGCTATACGCAGAAAGTAGCGAACA CAGTTTGTATC[T/C]TAAAGGGGGATGGAATATTGGGAAGGACGAAATA GCGTTGAATACGTGTCAGAGGGAGT	8	1598454	1598574	1598514
Pv09_148307	AAGTCACGGACTTTTTTAAATTAACCAACCGCTGCTTCCAGGGACGGCCG AATATTACA[A/G]CAAAGATCTGAAGTATGTTCAATTCCACAACACGAAGA GGTTTAAAAACAGCGCGGAGCG	9	148247	148367	148307
Pv09_398781	GAGAGTCTTTACAAAGATGTGAATGAGGAGCCATTCGGAGATAAGCCATC TAGTAAGTAC[A/T]CTTCAATGTCCAGCTTGCCGAAAATCGACGAATGAG CAGCAGTTTAGGCAGCTTTACAG	9	398721	398841	398781
Pv09_445710	CGAAACGGATAACTACATTTCCGGCGAAGTACGTCAACGATTTTCAATTTCTG CACCGTGAT[A/G]GTCTTCTTTGTACAACGAGTGACGGGAAAAAAAAAAAA AAAAAATAAAATAAATAAATAA	9	445650	445770	445710
Pv09_780482	CAGCGTCACGGAAAAAATTACCATCAGAAATGACGACGACACGGATGTCC ACGTAGAAAT[A/T]GTAAATCTCGGATACCTATTAGCACTAAGTGCACCA ATTTTGTGGTGAAAAAAATTCA	9	780422	780542	780482
Pv09_800284	CTGTAACCTTGAGGAACAACGAGTGGTCCGAAATAGATTTTGCCTACTCCTT CAACGTGTC[T/C]AAAGTTTTCTGCACAAGTGTGATGGTGAATCGATTGA CAGAAATATTATTTTCATCTTC	9	800224	800344	800284
Pv09_1430436	GATTTGGAGGCTGTGGAGGAAAGGCACCATAAGGACGATGGGGATAGGG GAGGAAATCCT[T/G]CCTCTGCTCGAATGATGAATAGTGCCATCTTTTCAG ACCATCTGGAGGAGAAATATAAAAA	9	1430376	1430496	1430436
Pv09_1457147	CTGCTTCGTATGCTGGTCAATTATTTCTGTGTTCCAGCTTGCTCCTGTGG TGAAGGTG[A/G]TCATTTTCTGGGTCTTTTATGAAGTTTTCATTTAAGC AATATAGGGAGTCGCTAAGC	9	1457087	1457207	1457147
Pv10_55617	GAAATTTACAAACCCATGAAAACGTACTCGACAAGCTACACAGATTTGTTC AGCCAATCT[A/G]CCTAGACTACTTACATGTGTGCCATAAGGATGATGCGG ATTATTATCATCATTACAAGTG	10	55557	55677	55617
Pv10_329085	CCAGCTTTTAAAGTCTAGGAACATGGATCGGTGTTGTAACACAAAAAAT ATCGCATCA[A/C]TTGGAAGAGCAATCATGCGAACAGCACCATCATCATCC GCAGCATCCTCACCATCATCAC	10	329025	329145	329085
Pv10_362870	GTATTGTACCTCTTCTAATTAGGAAGGAACCAACAGTAGGCAAACTGT TAATGAAAA[A/G]TTGGGCACTCTGACTGAACCCCAAGAGCATCGAATTTA TTAGCGTCTTTCTCTTTGTCC	10	362810	362930	362870
Pv10_415514	TTTGAAATGAAGAATGAATCGTTGTTCCCTGTGCTAGACTACTACGCCAT AGTTATAG[T/C]AGTAGCAGGACCCCTTCACGTGCTCCTCTTCTCCTCTATT TTTACATTATTGCAAAAGT	10	415454	415574	415514
Pv10_435533	ATTACCCTGTAAAAATTGCTGTTTTATTGCATTTCTGTTTCACATTTTGAAG AATATTT[C/G]TGTAAGATGAGTCTAGCAAGCTCGTTATGTAATCATTTTTG TTTTTTAGTATTTCTTTAA	10	435473	435593	435533
Pv10_742568	CCTTGCCTCGCAGAAGGAGAGAAACAAAGGAGCGTCTGGAAATTTGCTGG GCTCAAAGGG[C/G]AGACCTCAAAGGAAGAGCTAATCAGGCGCAACTCC TCCGAGAGGTCTCCAACAGGTAC	10	742508	742628	742568
Pv10_905853	TTCCCGTGACCATGGAGAGGAGCGAACACCCCGATAAGGGCGATAACGT CACATCCGAT[A/G]ACGACATATTGATTGAAAATATTAAGAAAAAAACTG CTGCATCAAATTAACGACTCGA	10	905793	905913	905853

Pv10_990752	AAATTGGTAAATATTATTATTCGTTTTGCCTTTCTCCCCACAATGATTCTA TGGGCTT[A/G]TAAAGCAACTTCTTGGCTAGGTTTTGAATGTAATTGGGGA AGGTGGCCGAAATCATGGCC	10	990692	990812	990752
Pv10_1079004	TTCCCTCTGTCTTGTCTCTATCGATGAACCTTTGTGTGGTTTTATTTTCTC CCAAAA[T/C]TTTTCTGTCATCATTCTGGCGTTGATTGGCCACCCTGATTGT GCGTTGGTTTGTTCCTC	10	1078944	1079064	1079004
Pv11_239520	AAACTTCTGCATTCTCCCTTCGTGGTGAATCCGTGTACTCTAAATACTTCC CCGTAA[A/G]ATCCCAGCACATAAGGGGGAATAAGCCAAAAATGGACACA TTCGCATTTTGGGGCCTACAA	11	239460	239580	239520
Pv11_368766	CGCTTGATTGTTTACCATTGTTCGTGAAACTCGTTAATCATCGAAGCGGA GGCTATGCA[A/G]GATATACTGCCTTGGCTAACTCGATAGACTCCAAAGA CGCGTACAATATTGGGAATAAA	11	368706	368826	368766
Pv11_569629	GACCCTCATAAACTTAGGAAAGCCTACACATCCGAGCACTACCCGGAAGAC ATACAAAAT[T/G]TGTAAGCGCGAATGGGTACGTCTACGTGATTTTCCGA AAGAAGGTTTACAAGGTGAATG	11	569569	569689	569629
Pv11_764358	ATGAGCAACCACTTAACATTTAATGATAATAATAAATCTAATAAAAGAAAA AAGCGAAAT[A/G]ATGCAGCGGTGGATGACCTCGTCTGCTAACAAGCAT GTTATCTCAAATTATTCCATCCA	11	764298	764418	764358
Pv11_805674	TCGCTGTAGCGGTACACGTTTTCGCTTCTTCCGCGTAGGTGGGGTTGCTA AACGGGTGG[A/G]TCATTTCTGTCATGCTGTTAATGTGCGCTGTGGGGTTT TCACCGAACAGGGGTCTCCGG	11	805614	805734	805674
Pv11_926923	CTGCAAGTTCTCCGACGATGTGCGAGATTTAGGTAGAGCGTTTCCAAAAT GGCTTTGAG[T/C]GAATTAATTTTTCTGTTTTCTGGGTCCCATGTGACATA ATTTTAGCCAGGTTTTTAAA	11	926863	926983	926923
Pv11_1406626	GGAGCTCGCCAGCTGAGCGACACGCGACGGAGAGCGGAGACAGCGTT GTGTACAATA[T/C]AACCTGTACAACGCCATCTACGACCTGAACGAGCAA TTTTCCAGCGTGGTGAAGAACATG	11	1406566	1406686	1406626
Pv11_1483242	GGTATGGTAGAACAAGACGTGTGCTGTAATGTTGATACTTATGGGAAGGA ACTCACTTAC[A/G]CAAAAAATTCTGCAAATGTCCTTTCTATCCTCAGCAGC AGTGACTACCAGCAGGAGGAGA	11	1483182	1483302	1483242
Pv12_205690	TCCTCTATTTTTTACCTCATTTTGCATAGCCTTGTTCAAAAGAAGGGGAG GTTCTTCG[T/C]CAAATTTTCGTCGACGCTGCAGGGGGGGGAGAAATGA GCAGTATGGATTGGGCAGTATG	12	205630	205750	205690
Pv12_239990	ACAGCTGAACCTACTACCATAAGGGAAGAAAAATACAACAAAATCAGCA TCGACTTGAA[T/C]GTTCTAAAAAAGGAAAAAATGAATATCTAAATATAA TTAGGGAGCTACGTGAAAGTAAA	12	239930	240050	239990
Pv12_863346	TGAGTTCTTGCCCTGCTCGGAGGTGATTTTGTGTCAACGGCTTTGAGTATT TGTAGAAT[T/C]TTCTGAACGAGGTGCCTTATTGGAGGTGTGTAGGTCC TGGACCAAATGGCGATGTAG	12	863286	863406	863346
Pv12_1185180	GCGCGTGCCTCGGAGGAGGGGGACAAAACGACCTCACATGCACGTGGA AGCCCACAGAG[A/G]CATCGCGAGTGACTCTAACTTTACATCAAAGCAAA GAAGAGGGAAGTGCTAAAAAACT	12	1185120	1185240	1185180
Pv12_1410920	GGCCAATTGTACGGGAGATCCCAAATCTGGTGGGAACCCGAATTTCTTAA TGAACAACA[A/G]TTTGGTAAAAGCCAAAATGAAGGCTCAACAAATGGG CAGAAAATGATGAAGACCTTCCC	12	1410860	1410980	1410920
Pv12_1752233	GGCGGATAAGAGGGCCATCAAATTTGTGGCAATTTTGGAACTCTTCTACAG AAACAGTTC[C/G]TACGTAGCTGAGCATAAATGCATACACAGATTATAT GTTGAACAGAAATGTTTCAAC	12	1752173	1752293	1752233
Pv12_1796509	GGACAGCGACAATTTTTAAGTCAACTGATTAATAAATAACGACTTTAC GAAAAAGGG[C/G]AGCAAAAAATGCGACGAGTTTGTGCTTGCGAATGGGC ATATGGAGGCCGACGGGAAGCTT	12	1796449	1796569	1796509
Pv12_2192552	AACGATCGACCAGGAGAAATTAATGGCCCTGAAGGATACATTATTGCTCA GAACGTTTAG[C/G]GACGAAAAGAGGATGAGCATGTGGATGACGACTTCC ATAATTTTACACACAGGGACTTCC	12	2192492	2192612	2192552

Pv12_2279221	TCCAAGTGTCTATGTTTTCTTTTTATCATCCTCCGTGTGTTTTTACGTTTG CCATCA[T/G]TTTTTCATTGTGTTCTTCTCCTTTGCTATGCGTGTTTTTC CGGTGGTCATATTTTCG	12	2279161	2279281	2279221
Pv12_2419371	GACGCAGCTGCTTTGCACATCATTGAGGAAGGTGTGGAAGTCTTTGACGTA GTAGTCCGC[A/G]TGCCCTCGGTAAAGTAATCCCTGCTGCGGTTGCGTTC GCTTCCCCCTTCGTCCTGCTCA	12	2419311	2419431	2419371
Pv12_2667491	ATGCCCCGCAAAGAGAGAGTCGAAATTTACACATATATAGGTGGTTTTTA CACATTCAA[C/G]AAACCCTAGTGGGGAAATTCACACTAAAAAAGTTG GAAGTTAGGGACAGTCTGGAAA	12	2667431	2667551	2667491
Pv12_2933890	CATTTCCAATGTTGTAGTAATGCTTGTCAGTGGGCTGAGGAATGCACATA TTTCATACG[T/G]TTTTCTCACATCTGGAGGTATAAAATCTATGTTCAAATC GAACGAAACCTCTAAAATTTT	12	2933830	2933950	2933890
Pv12_3003775	ACGGTTTTTCTTCCCATTTAGGTGACATTTTCTCTTCCCATTTAGGTGACATT TTCTCTT[T/C]CCATCTAGATGACGGTTTCTCTTCCCATCTAGATGACGGTTT CTCTTCCCATCTAGATGA	12	3003715	3003835	3003775
Pv13_259864	GTTGGGCTCTTCTTCTGCGCACTTTCGTATCATCTTCGTTTAACCAATCGC CAAGGAG[A/C]AGCTTTCTGTAATCTCCCTGTTGTATTTTTCCCTTTGTTG GGTGGTGAGTTATCCTTG	13	259804	259924	259864
Pv13_308456	AGTTCAACCTATGGAGAAGCCAACCCTCCCGCATATACTGGCCGACCAAA TGTTCATAA[T/G]AACGAAAAATTTACTGTCAACGATGGAATTAAGGAA ATGGATTGGACAAATTTAAGTA	13	308396	308516	308456
Pv13_670891	GAGCGGTGAGGTGGAGCCGAGGAGGGGAGGCGGACCCCGCGGAAGG GGAGAAAGAGAG[A/C]GCAAATAGTGCAGATAGTGCAGATAGCGCGGAT GATGCGGAGGAGAGGGGCGACGGGACG	13	670831	670951	670891
Pv13_705424	CATCAAGTCGTGGGTTGACGAAATTGTAAAATACGTGTGTGCAGATGATC ATGCTGAGAG[T/G]GAAATCTCAAAGGTAGTAACATCTTTGTTAAGAGCG AAAATGTTTTCCAGAAAAGTTG	13	705364	705484	705424
Pv13_850957	CGCGCCGCTCTCCTGCGCCACCTCCTCCAGTGGGAAGCCCCCTGAGCGA GCCCCAGGT[A/G]AAGAAGTCCATTTACAGCGAACTCAACCGGAAGGGTG GAAAAGTGGAAGGGATGCCAG	13	850897	851017	850957
Pv13_1229481	CCCCGGAGGAGGGACCAACCGGGGAAGTAACGACGATGGAGTTACCCC CTCTAAGAAGA[A/G]CTCCTCTAAGGGCGTAAAAAAGGATGACAAGAAAG GGGAAGAGAAAACTCCGCTGAAGG	13	1229421	1229541	1229481
Pv13_1354999	AACATAATCGTAATCGATTTCTGACTGTCATTTTGCACATGTTGAATTTTT GAGCTAAT[A/T]TGTTGCTTCTTTGGGGGATTCCTCACCAGAGGGAGCA CTCACTTGGTTTGATAACCG	13	1354939	1355059	1354999
Pv13_1834684	AGGACAAAGTTGAGGAGACGTGCAAGAAAACCTCTACGAATTGGAGGA AAAACACACCT[A/G]CTTCGTAAATCAGCTAAATGCACAGTTTTACCTAACG AACAAAATATGTGAAGAAAAAT	13	1834624	1834744	1834684
Pv13_1912361	AACTACGGAATGAGCTGAAGAATGAGGTGGATGTGTATATTTCAA TTTTCGAAGC[A/G]CTCAGCAGGGCGAAGAGGGCGGCGTCCCTGTGCGTG TGGACCCGGTCAATGGCAAAGAAA	13	1912301	1912421	1912361
Pv14_764662	CAAAATAATTTGCTGTTCTTCTTGTGCTTCTCAGAGTCATTTTTCTTT CACCT[A/T]GATCTGAACACTGAATAGTGTGGCAAAATATTTGGGAGTT GTTCCAAAACATTCGGAGC	14	764602	764722	764662
Pv14_1077928	GAACTGTCGCCTCCCCGCTGCTACTCCTGCTGCCTTTGTGGAAGCGTCTT CTTCATGC[C/G]CTCCCCCTGAGGGAAGAGAACCAGGGGGCCCTTCTCCC CCTCCTGCGCGTTCCACGTAG	14	1077868	1077988	1077928
Pv14_1703896	AGGTGACCAATCTTGATTGCAAAAATTGGGTGTATGTTATGACGCTTT GCCAATCCA[A/G]TGTGCAGTTAATTCTTCGTAGATAATCTTTGATAAT CTTCATCATGTAAATTCGATT	14	1703836	1703956	1703896
Pv14_2003760	TTCGAAAAACAATTTAAATATATATGACCTGTACAGGCAGAATGAAAA AACGTTTAT[T/C]TGTTTTACAACCCTCGATGTGTAAGTGCGCCAATAAGA CTCTCAAGGAGAAGTACTATC	14	2003700	2003820	2003760

Pv14_2042312	GAAATTATTAGCATTGCTGTTGCTCAAATTTAAGTTGAGCACTGGGATCTC GTCGATTAG[T/C]ACCAGCTTGTATGTGTGCTGTTTAGGAAGATCCTCACC AAGGCTAGGTACCGAATGCAG	14	2042252	2042372	2042312
Pv14_2148184	TTTGGTACAAAGGGTTTAGCGAAAGACAGGAGCAGCTGAATGTTTTGCCT CTTCTGTGTA[T/G]GGACCCCTCTGTACCTCCCTCTGTACCTCCCTCTGGA GGTTTCCCCAACATGACTGCT	14	2148124	2148244	2148184
Pv14_2440112	GCAATAAGAAGATATTCACACAGTTTAGTAAATCCCGGATTTGTTTTGG ACATTTCTG[A/G]GATGAGTGAGTACAGCAGGAGTGACCCCTCCAGGGGG AAACACTCCCCAAGTGACTATGC	14	2440052	2440172	2440112
Pv14_2549860	TAACACAGCTACTTGAAGCGCCCTTGTGTACGCGCGTCATCATTATTGTT AGGGTTGC[T/C]TTTCTTCACGCCATTATTTTACTAAGGCTTCTTCTGTTGC TACCCAAACAGGTGTTGGC	14	2549800	2549920	2549860
Pv14_2704545	GAGTTCGTCCGCACGGCTGCCCACTGGGAAGACGTGCTAATCACGAACAA CTGCGTCATC[T/C]TTGTCCAAATAAAATACAAAGACAGTCTGAAGAACAT CTTCAAGTTCATGGATTACCTGT	14	2704485	2704605	2704545
Pv14_2916900	AAGAAGAACAATTTATGAGATTATTAATTTCTTCCTGCCAGATTGGGCAT ACACTAAA[T/C]TGTTGCAGTTATCCGTTTTACTTTTTTAATTTTTTCTCTA TTATGTGTTTTTCATCAA	14	2916840	2916960	2916900
Pv14_2963845	ATTTGATCTTCGTTATATTTCTAAACAGGTAAGTTAATTCATTGTAGCAAC GACCGTCA[T/C]TATGATCTCCACTTCTGTACTTTCTAGGATACTATTCCTC TCCTCAAGAAATTTATCCC	14	2963785	2963905	2963845