

ID	UniGene or locus identifier	Size (bp)	forward primer	reverse primer
129	Vvi.6889	404	TGTAACACGACGGCCAGTGGTTTCATCTCCACGATTGGA	CAGGAAACAGCTATGACCCCTTTTGAGACATTAACAGGAA
131	Vvi.3977	413	TGTAACACGACGGCCAGTGGTGGATAGTTCCTGCAAT	CAGGAAACAGCTATGACCCGTGCTTCCGATCTTATT
133	Vvi.3483	211	TGTAACACGACGGCCAGTAAACAAGAAACTTCGAA	CAGGAAACAGCTATGACCTCTCATCAAGCCAACTC
135	Vvi.3096	469	TGTAACACGACGGCCAGTCCGAGATCATGACAGAAG	CAGGAAACAGCTATGACCTCTTATAGCCCAAGTAAG
189	Vvi.6803	227	TGTAACACGACGGCCAGTAAAGTGGTTCATCAAAGCA	CAGGAAACAGCTATGACCTAGCCATCACCCTTCT
191	Vvi.552	266	TGTAACACGACGGCCAGTCAAAAGAAAGAAAGAACTTGG	CAGGAAACAGCTATGACCCGAGCAAGGAAATGAGA
195	Vvi.3458	230	TGTAACACGACGGCCAGTTCGCCCTTACACGAGG	CAGGAAACAGCTATGACCCATGAAATAAATCAACCAACA
197	Vvi.10605	358	TGTAACACGACGGCCAGTATGAGATACAGGGAGGAT	CAGGAAACAGCTATGACCCAGCTTCAATATCTGCG
205	Vvi.8115	140	TGTAACACGACGGCCAGTGAAGACAAAGCATGGTGA	CAGGAAACAGCTATGACCTCGGTGTAAGAAATCATAA
209	Vvi.2857	326	TGTAACACGACGGCCAGTCACTCCACCTCACACAA	CAGGAAACAGCTATGACCTCAGGCAAGGAAATGGAAAA
211	Vvi.8045	770	TGTAACACGACGGCCAGTGGGCTTCTACATTTGCTACT	CAGGAAACAGCTATGACCCGTGACGCTCTTGGCTAAAC
215	Vvi.7907	293	TGTAACACGACGGCCAGTATCCAGGATGTCAAG	CAGGAAACAGCTATGACCCATGAAACCAATCAAAATCCA
217	Vvi.4330	384	TGTAACACGACGGCCAGTCACTTCACTTCTTCT	CAGGAAACAGCTATGACCCATGAGGACTTGGACTTGGAA
219	Vvi.8874	300	TGTAACACGACGGCCAGTCAAGCAGATAAAGGAGACA	CAGGAAACAGCTATGACCCAAAGGTCACAAACCAACAC
221	Vvi.2861	354	TGTAACACGACGGCCAGTCCCTCACATTTTCTGCTGCT	CAGGAAACAGCTATGACCTCTCACTCAGCCCTCCAC
227	Vvi.2262	327	TGTAACACGACGGCCAGTAGAGATACTGCTCGGTGAGA	CAGGAAACAGCTATGACCTTCACTTGTCCAGGTTTTC
229	Vvi.2364	585	TGTAACACGACGGCCAGTAGGTTACTCCAGCCACACT	CAGGAAACAGCTATGACCCATACCCACTTCCACAGCT
239	Vvi.1500	491	TGTAACACGACGGCCAGTGGCTCCATAAAGTAGGACTCA	CAGGAAACAGCTATGACCAAGCAAGGAAAGAAAGAA
241	Vvi.6717	494	TGTAACACGACGGCCAGTGGCTTCTTCTTCTTCAACC	CAGGAAACAGCTATGACCTGAGGTAGGCTGACTGATA
243	Vvi.886	370	TGTAACACGACGGCCAGTGGAAACAAAGAAAGAACTG	CAGGAAACAGCTATGACCAACATCAAACTGGAAA
247	Vvi.1599	322	TGTAACACGACGGCCAGTGGCTTCTTCTTCTTCAATT	CAGGAAACAGCTATGACCTTCCCTCTTGTGTATTGTTG
249	CB009615	382	TGTAACACGACGGCCAGTGGTGTCTGCTTCTTCTG	CAGGAAACAGCTATGACCTGAGAAAGAAAGAAAGAA
251	Vvi.10077	454	TGTAACACGACGGCCAGTCCATCCACCCTCAACA	CAGGAAACAGCTATGACCTCAAAACCAACCAACTGCT
253	Vvi.7545	500	TGTAACACGACGGCCAGTGGCGTGTTCAGTTTC	CAGGAAACAGCTATGACCCGATGTTGCTGTCTGCTGCT
255	Vvi.6635	303	TGTAACACGACGGCCAGTGCATTTATGCGACCCCTAC	CAGGAAACAGCTATGACCCGAAAGCAAGCAAGTGAAA
257	Vvi.13149	446	TGTAACACGACGGCCAGTAAAGGAGGGATACAAAAAG	CAGGAAACAGCTATGACCCGGCTGTGTATTACAA
259	Vvi.1579	828	TGTAACACGACGGCCAGTTCCTCAATTCACAAACCA	CAGGAAACAGCTATGACCCGCAAGCAGAGGATGTG
261	Vvi.12964	638	TGTAACACGACGGCCAGTGAATCAATGGGGTAAAG	CAGGAAACAGCTATGACCAAGGTGAAAGAAAGAACTG
267	Vvi.11345	176	TGTAACACGACGGCCAGTAACTCAAAACATGAACAAAG	CAGGAAACAGCTATGACCCGCTGATGGAAAGTAAAG
269	Vvi.5068	400	TGTAACACGACGGCCAGTGGGAGCCCTTCAAAAGACA	CAGGAAACAGCTATGACCAAAAGATGGAGGAGAAATGA
271	Vvi.1469	303	TGTAACACGACGGCCAGTCAAGCTCTGCTGAGG	CAGGAAACAGCTATGACCCATGTTGATCTGCTGCAAG
275	Vvi.8909	713	TGTAACACGACGGCCAGTGGTGTTCACCCCAAGTGT	CAGGAAACAGCTATGACCTTGTGCTGATGGTCTGCT
277	Vvi.12240	655	TGTAACACGACGGCCAGTGGAGTCCAGCTCCATTAT	CAGGAAACAGCTATGACCTTCTGCTTCTGCTCTT
279	Vvi.2320	362	TGTAACACGACGGCCAGTAGTAACTCCCGCAAGATTT	CAGGAAACAGCTATGACCTTCACTTAAATCCCACT
281	Vvi.260	374	TGTAACACGACGGCCAGTCCCTCCATCTCACTAGCTC	CAGGAAACAGCTATGACCCGATGGGAAGACTCGGTTT
283	Vvi.441	388	TGTAACACGACGGCCAGTAAAGCAGGGCACTGTTTG	CAGGAAACAGCTATGACCTGTTTATCTTGGGTTGG
285	Vvi.587	391	TGTAACACGACGGCCAGTAGGGGCAAGGCTAAATGTC	CAGGAAACAGCTATGACCTGGGAGTCAAAATGGAGAG
289	Vvi.7555	289	TGTAACACGACGGCCAGTCAACAGGACAGCTTCTCCA	CAGGAAACAGCTATGACCCGGCATGATTTGATTTTG
291	Vvi.898	323	TGTAACACGACGGCCAGTGGATTCCTGCGAGTATTTC	CAGGAAACAGCTATGACCCAAATCAAGAAATCTTAAACCT
293	Vvi.6885	194	TGTAACACGACGGCCAGTGGATCAACCCATTTGAAGA	CAGGAAACAGCTATGACCCCTTATCATCGCTTTGCT
297	Vvi.7130	303	TGTAACACGACGGCCAGTCAAGCTCTGCTGAGG	CAGGAAACAGCTATGACCCATGCTGCTGCTGCTG
305	Vvi.2940	259	TGTAACACGACGGCCAGTGGGCAACCTCGGACTACT	CAGGAAACAGCTATGACCCAGCCCTGCTGATGTCTG
311	Vvi.5548	373	TGTAACACGACGGCCAGTAGCCATTAACCTTCTTCT	CAGGAAACAGCTATGACCCGTTGAGAGGACTGATA
317	Vvi.6697	296	TGTAACACGACGGCCAGTCACTTCTTCCACCCAC	CAGGAAACAGCTATGACCTAGCCTCAATCTGCTGAGC
325	Vvi.7482	228	TGTAACACGACGGCCAGTACAAACCAACCAAGAAAG	CAGGAAACAGCTATGACCAAAAGATGCTCCCTCCA
329	Vvi.7885	323	TGTAACACGACGGCCAGTCAAGCCCTCAACCACTGAC	CAGGAAACAGCTATGACCCGAAATCAATCGCTTCAA
331	Vvi.7941	443	TGTAACACGACGGCCAGTGGGATTTGGTTTGTGTA	CAGGAAACAGCTATGACCCATGTTGATTTGGTGTGCT
337	Vvi.14385	425	TGTAACACGACGGCCAGTGGGCAAGCCTTATACCTCTC	CAGGAAACAGCTATGACCCCTCTTCTCTTCTTCCA
341	Vvi.1552	367	TGTAACACGACGGCCAGTCCCATCACTCAACATCA	CAGGAAACAGCTATGACCCGCAATAAAGGGGAACAGA
345	Vvi.7060	590	TGTAACACGACGGCCAGTCAATGAATCTGGGATGAAGT	CAGGAAACAGCTATGACCTTCTTCTTCTTCTGATGTTG
347	Vvi.3139	312	TGTAACACGACGGCCAGTCACTCACTCTTAAAGCA	CAGGAAACAGCTATGACCCATGCTCTCTGATTC
351	Vvi.4518	372	TGTAACACGACGGCCAGTAGAGAGCTTCAAGCAATG	CAGGAAACAGCTATGACCCGACTTCTCCACTCAGC
355	Vvi.8874	437	TGTAACACGACGGCCAGTGTTCATCCCTGCTTTTA	CAGGAAACAGCTATGACCAACGCTTACTCCACCACT
357	Vvi.8065	405	TGTAACACGACGGCCAGTAGGAGGAGGCAAGAAAG	CAGGAAACAGCTATGACCTGAACACTGCAACCACT
363	Vvi.1275	399	TGTAACACGACGGCCAGTCAAGCCCAAAATCCATA	CAGGAAACAGCTATGACCTCAGGGTAGGCGTATTCTC
365	Vvi.1283	311	TGTAACACGACGGCCAGTGGAGGACTTCTATCGAAA	CAGGAAACAGCTATGACCCGCACTTCCACACTCTTG
369	Vvi.1745	398	TGTAACACGACGGCCAGTGAAGCAAACTTCGCACT	CAGGAAACAGCTATGACCCCTTGGAAAGAGGTTTGG
377	Vvi.7795	361	TGTAACACGACGGCCAGTGGGCAAACTTCCATTC	CAGGAAACAGCTATGACCCGCAAGGGAAGAAATCTGG
381	Vvi.1025	119	TGTAACACGACGGCCAGTCCAGCAAAAGAAAGTGA	CAGGAAACAGCTATGACCTCAGGGAAGTACAAAAGG
385	Vvi.1124	374	TGTAACACGACGGCCAGTGTACCAAGGAGGAAAG	CAGGAAACAGCTATGACCCAAAGATGGAGGATTTGT
391	Vvi.7369	212	TGTAACACGACGGCCAGTCACTCTCACTCTCC	CAGGAAACAGCTATGACCCATCCCAACCAAGGACTG
397	Vvi.8638	358	TGTAACACGACGGCCAGTCTCAACCCCTGACTCC	CAGGAAACAGCTATGACCCCTCTCTCCCTCATTT
401	Vvi.6643	542	TGTAACACGACGGCCAGTGTGGAGATGAGTGCTG	CAGGAAACAGCTATGACCATGTTGTGGTCTTCTCT
403	Vvi.251	304	TGTAACACGACGGCCAGTCAAGCACCTTCACTGCTT	CAGGAAACAGCTATGACCTCAATCTCCGACTCTCA
405	Vvi.6924	383	TGTAACACGACGGCCAGTGAATGCCACAGACCCTC	CAGGAAACAGCTATGACCAACAATGACAGGCAACAG
413	Vvi.7386	230	TGTAACACGACGGCCAGTGTCTTGTGCGTCTC	CAGGAAACAGCTATGACCCAAATGATCTGGTGTGCT
415	Vvi.1621	346	TGTAACACGACGGCCAGTCTTGTATCCAGCAG	CAGGAAACAGCTATGACCAAGGAGACTGAGATGATG
421	Vvi.6670	378	TGTAACACGACGGCCAGTGGCTTGTCTCCCAACT	CAGGAAACAGCTATGACCTTCCCAAACTCCGCTGTC
425	Vvi.1402	587	TGTAACACGACGGCCAGTGTATGCTCTCTGCTGTT	CAGGAAACAGCTATGACCCGCTGCTCTCTTCTTCT
427	Vvi.8056	702	TGTAACACGACGGCCAGTCAAGGAGGAGGACTTCC	CAGGAAACAGCTATGACCCATGAGGAGGAGGACTTCC
429	Vvi.2290	611	TGTAACACGACGGCCAGTAAACAAGCAACCTCATCG	CAGGAAACAGCTATGACCCATGAGACTTCTGGCTGCT
437	Vvi.2378	326	TGTAACACGACGGCCAGTCCGATGAGACAGAGTGA	CAGGAAACAGCTATGACCTCCAGTTTCCAGCAGGAG
445	Vvi.7534	439	TGTAACACGACGGCCAGTCTCCAGAGAGCAATCGTGT	CAGGAAACAGCTATGACCCGGCATCTTCTTCTTCT
447	Vvi.157	329	TGTAACACGACGGCCAGTGTTCATTCATTCATTA	CAGGAAACAGCTATGACCCAAAGGCTGTTACTCTTA
451	Vvi.6895	373	TGTAACACGACGGCCAGTAACTCAGAGAGCAATTTCC	CAGGAAACAGCTATGACCCACTTATCTACCCGCTCA
453	Vvi.9104	396	TGTAACACGACGGCCAGTAAACAAGCAACACTTGG	CAGGAAACAGCTATGACCAACAAGCTTAAACAGGTTG
455	Vvi.7590	316	TGTAACACGACGGCCAGTGGGAACTCTCGCATTTGT	CAGGAAACAGCTATGACCAAGGGAATAGCAAGGCTG
459	Vvi.7313	422	TGTAACACGACGGCCAGTAAACAAGCAAGTAAAGTTC	CAGGAAACAGCTATGACCCGAAATCAAAAGCCAGT
463	Vvi.7215	429	TGTAACACGACGGCCAGTGTGCTCACTGCTGCTGAT	CAGGAAACAGCTATGACCTTGTGAGTCTGCTTCCAA
467	Vvi.7805	688	TGTAACACGACGGCCAGTGTGCTGAGCAGTGAAG	CAGGAAACAGCTATGACCCAAAGCAAGCTTCAAGT
469	Vvi.12905	344	TGTAACACGACGGCCAGTCTTCACTCTTCACTTCT	CAGGAAACAGCTATGACCCACTTCTTGGCAACAAG
471	Vvi.6786	372	TGTAACACGACGGCCAGTCAACCTTCCCAAGATA	CAGGAAACAGCTATGACCTCAATAGCCTCAACCTCC
473	Vvi.6622	426	TGTAACACGACGGCCAGTCCACCACTTCTTCTCAC	CAGGAAACAGCTATGACCCGACCACTTCCCTTCTCA
475	Vvi.6934	332	TGTAACACGACGGCCAGTAACTGCAATGCAATCAAC	CAGGAAACAGCTATGACCCGCAAGCAATCAATCAAA
479	Vvi.6846	430	TGTAACACGACGGCCAGTCCGACTTCTGCTTCAAC	CAGGAAACAGCTATGACCTGTTTCCCACTTCACTCC
487	Vvi.1510	276	TGTAACACGACGGCCAGTATATCCCAAGAACCTAGC	CAGGAAACAGCTATGACCATTCCCAAGAGGAGGAC
497	Vvi.7873	448	TGTAACACGACGGCCAGTGTGTGTGATGAGCTTG	CAGGAAACAGCTATGACCCCAACCTCTGCTTCTGCT
503	Vvi.2656	429	TGTAACACGACGGCCAGTCAACACTGGGCAAGGAAA	CAGGAAACAGCTATGACCCGCTGAGGTGGGTTTGTG
517	Vvi.6799	381	TGTAACACGACGGCCAGTGGAGCAACAAATGCAACA	CAGGAAACAGCTATGACCCGCACTCTGCTGCTGAG
519	Vvi.6501	383	TGTAACACGACGGCCAGTGTGCTGAGCAGTGAAG	CAGGAAACAGCTATGACCCAAAGCAAGCTTCAAGT
523	Vvi.7561	395	TGTAACACGACGGCCAGTAAAGTCAAGCTGGAGTAA	CAGGAAACAGCTATGACCCGCTGCTCTTATCTGCG
527	Vvi.7374	352	TGTAACACGACGGCCAGTGTGATGAGGAGTGTG	CAGGAAACAGCTATGACCTTCTGCTCACTGCTCTC
533	Vvi.1828	255	TGTAACACGACGGCCAGTGGACATCAAGCAACCAACA	CAGGAAACAGCTATGACCCGCAAGAAAGAGCTAAG
537	Vvi.6790	505	TGTAACACGACGGCCAGTGGCTGAGGAAAGTGAATG	CAGGAAACAGCTATGACCCATGCTCGGCTAAGAGACT
543	Vvi.8117	459	TGTAACACGACGGCCAGTCAACAAGAACCCGCCATTA	CAGGAAACAGCTATGACCCATCAGGCGCTATGTTCAA
551	Vvi.5062	535	TGTAACACGACGGCCAGTCACTTCTTCCGCTCAGTGG	CAGGAAACAGCTATGACCAACAAGTGGGTTGAG
553	Vvi.2453	361	TGTAACACGACGGCCAGTCTTCCACTAGGCTACGA	CAGGAAACAGCTATGACCCAACTAAGCACCACCACA
555	Vvi.1163	453	TGTAACACGACGGCCAGTGGCTCCAGTGTCTTCTACC	CAGGAAACAGCTATGACCCATTAACCACTGGGCAAGT
557	Vvi.7811	405	TGTAACACGACGGCCAGTGGCTGAACAAGGCCAACA	CAGGAAACAGCTATGACCCGCTGAGGCTATCCACTG
559	Vvi.1222	254	TGTAACACGACGGCCAGTTACGCCCTTGTCTTGTGA	CAGGAAACAGCTATGACCCGCTGATGATCTGCTGCT
561	Vvi.12074	279	TGTAACACGACGGCCAGTAGGAGGACTTGCATCAAGA	CAGGAAACAGCTATGACCCGAGCACCATAAAGGCAAA
565	Vvi.3208	309	TGTAACACGACGGCCAGTGCATATGCCAGCAAAAGC	CAGGAAACAGCTATGACCCGAAACTTGGAGAAAGACA
567	Vvi.7830	459	TGTAACACGACGGCCAGTCTTCTTCCGCTTCTTCTG	CAGGAAACAGCTATGACCCGTTTGTGATCTTCTTCT
569	Vvi.7646	375	TGTAACACGACGGCCAGTAACTCAACCTCCCAACAC	CAGGAAACAGCTATGACCCCTTCTGCGCTGTGCTACT
571	Vvi.11189	371	TGTAACACGACGGCCAGTCAACATACACAGATCGACAA	CAGGAAACAGCTATGACCCCAATCTGGGAAACTCA
573	Vvi.4522	302	TGTAACACGACGGCCAGTCTCCCTCAACAATGAGC	CAGGAAACAGCTATGACCCAAATCAAGGAACTACAG
575	Vvi.6640	270	TGTAACACGACGGCCAGTCTGGATCTGTATGTTGA	CAGGAAACAGCTATGACCTGGTGAAGAACTTGGTATG
579	Vvi.3568	300	TGTAACACGACGGCCAGTGTGTTGGGAAGTGTGCTG	CAGGAAACAGCTATGACCCGATGGAGTAGCCTATGCT
581	Vvi.7828	350	TGTAACACGACGGCCAGTCAACCCATGAGGCTCCAAA	CAGGAAACAGCTATGACCCGCTGTTGAGTCTCCAA
591	Vvi.9089	391	TGTAACACGACGGCCAGTCAAGCTGATGATGAGTGT	CAGGAAACAGCTATGACCCGAAAGCTTCCGCAAG
593	Vvi.6936	343	TGTAACACGACGGCCAGTGGATGTGCTTAAGATG	CAGGAAACAGCTATGACCATGATGCTCTTAAGATGCT
595	Vvi.12406	364	TGTAACACGACGGCCAGTGTCTTCCAGCTCTCTTCA	CAGGAAACAGCTATGACCTGCAATGATGCTTCTTCA
599	Vvi.15592	511	TGTAACACGACGGCCAGTGGCCAAAGAAAGGAGA	CAGGAAACAGCTATGACCCCAACCAACTGACCTCCCA
603	Vvi.8069	422	TGTAACACGACGGCCAGTCTTCTGCTTCACTCAAGT	CAGGAAACAGCTATGACCCCTTCTTCAATTCACCA
605	Vvi.7461	319	TGTAACACGACGGCCAGTCTTCTGGGCTGATGTT	CAGGAAACAGCTATGACCCCTTCTGCTCTCTCT
613	Vvi.7462	390	TGTAACACGACGGCCAGTCTGACACAACCTCACGAA	CAGGAAACAGCTATGACCCGCTGACCTCTCTTCAA
621	Vvi.3373	410	TGTAACACGACGGCCAGTGGAAACATCCCAATAA	CAGGAAACAGCTATGACCCCTCATGCTTGTGATTT
625	Vvi.6997	350	TGTAACACGACGGCCAGTCTGGACCTCAGCTGTGTT	CAGGAAACAGCTATGACCTTCACTGCTTCTCTTCA
631	CB002658	395	TGTAACACGACGGCCAGTGTATGAGGCTGATGCTC	CAGGAAACAGCTATGACCCGCTGTTGAGTCTGACTG
633	Vvi.7376	381	TGTAACACGACGGCCAGTCAAGCTGCTCAAAATTA	CAGGAAACAGCTATGACCCGCTGCTGCTGCTGCT
635	Vvi.738	444	TGTAACACGACGGCCAGTCTTCTTCCGCTTCTTACA	CAGGAAACAGCTATGACCAAAAGAGCCAAACCAAC
643	Vvi.10410	460	TGTAACACGACGGCCAGTGAATATGCCATGCTTCT	CAGGAAACAGCTATGACCAAGTGTGCTTCAAGTACAG
649	Vvi.8076	755	TGTAACACGACGGCCAGTGTGATGCTCTGTGTTGA	CAGGAAACAGCTATGACCTTCTTATGCCGCTTCTG
651	Vvi.6647	658	TGTAACACGACGGCCAGTCAACCAAGCAAGCACCC	CAGGAAACAGCTATGACCAACTGATGCTAGGCTCTAAA
653	Vvi.316	406	TGTAACACGACGGCCAGTCAATGAAGCAACTCACCA	CAGGAAACAGCTATGACCATTCTTCAATGACCAAC
655	Vvi.6780	366	TGTAACACGACGGCCAGTGTGAAGCAAGGTTCCACA	CAGGAAACAGCTATGACCCAAAGCCGCTCAAGACTG
659	CB970655	733	TGTAACACGACGGCCAGTGTGAGCAGGAGGTTGAATA	CAGGAAACAGCTATGACCCGACTACAAAGAAACA
663	Vvi.7589	681	TGTAACACGACGGCCAGTGGTGGTAGGATGAGAA	CAGGAAACAGCTATGACCTGGGCAAGTAAAGCAGCT

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677	Vvi.5315	611	TGTAAGACGACGGCCAGTCCCTCTACAAGATTGGGGATA	CAGGAAACAGCTATGACCAGATGTTGACCCAGTAAAGC
683	Vvi.7884	302	TGTAAGACGACGGCCAGTCCGCTTGAACCGCTCT	CAGGAAACAGCTATGACCAGTGGTTCGCGCTTTTCG
689	Vvi.5832	338	TGTAAGACGACGGCCAGTGGAAAGCTCTAGCATTGG	CAGGAAACAGCTATGACCTATTATGGCTTGGCCCTTT
691	Vvi.4484	446	TGTAAGACGACGGCCAGTCCGCAAGAACATAAAGAGCA	CAGGAAACAGCTATGACCCAGGACGAGGAGCCATTCA
697	Vvi.1323	398	TGTAAGACGACGGCCAGTGAAGCATTGCCAAGAGAGCC	CAGGAAACAGCTATGACCCAGGCAACCCGTAGCAATCC
699	Vvi.7621	423	TGTAAGACGACGGCCAGTGAATGGTGTAAAGAACCTC	CAGGAAACAGCTATGACCCAGTCTGCTCACTCACTC
701	Vvi.8086	475	TGTAAGACGACGGCCAGTGTAGTGTGAGCGAGTTTG	CAGGAAACAGCTATGACCCCTTATGTTCTTCCAGCA
705	Vvi.7405	290	TGTAAGACGACGGCCAGTCTAGTGACCATCCAGAG	CAGGAAACAGCTATGACCCACCAACCTCTTCTCATCC
709	Vvi.4581	476	TGTAAGACGACGGCCAGTTCAGCGGTCACTCCTCAGTC	CAGGAAACAGCTATGACCCAGTCCGAGTCTCTTCTTCC
713	Vvi.7970	1758	TGTAAGACGACGGCCAGTGGAGAGTTAAGGAAGCAG	CAGGAAACAGCTATGACCCCTGCTTGTGATCCTTT
715	Vvi.1493	331	TGTAAGACGACGGCCAGTTCACCTTGAAGGCCATACC	CAGGAAACAGCTATGACCCATGTCGCGCTTGTGTGCT
729	Vvi.8105	387	TGTAAGACGACGGCCAGTAAAGCAGGATGCAAAAGC	CAGGAAACAGCTATGACCCAGTGGTGTGCTGAGAGT
733	Vvi.1569	252	TGTAAGACGACGGCCAGTCCCAAAATGGATTA	CAGGAAACAGCTATGACCCGAGCACAACCTCCAGT
741	Vvi.1527	309	TGTAAGACGACGGCCAGTCTTGTCTGTTCATCTC	CAGGAAACAGCTATGACCTCACAGAAATGAAACTGAAG
745	Vvi.6724	377	TGTAAGACGACGGCCAGTGGAGTTGGAGTTGTGTGG	CAGGAAACAGCTATGACCCGTGTGGTGGAGTGGTGG
751	Vvi.133	419	TGTAAGACGACGGCCAGTACATTCAGGACGACAGAT	CAGGAAACAGCTATGACCCGATCAAGTTACAGGTG
753	AF378127	1686	TGTAAGACGACGGCCAGTCCAGTCCACAGCGCTC	CAGGAAACAGCTATGACCCGTGACCTGGGAGTCCG
759	Vvi.824	934	TGTAAGACGACGGCCAGTGTAGACCAACACAGCAGC	CAGGAAACAGCTATGACCCGTTAATCGCTCGTCTTC
765	CV093472	1476	TGTAAGACGACGGCCAGTGGATATACTTGGAGGTTACACTATGC	CAGGAAACAGCTATGACCCGTGTGTGTTCTTCCATGAC
775	AMA34138	1686	TGTAAGACGACGGCCAGTTCACCTGGAGGGAGAACT	CAGGAAACAGCTATGACCTCCAGCAAAATACAAATCCCT
781	Vvi.2405	1089	TGTAAGACGACGGCCAGTGCAGGCTTTGGCCTTGT	CAGGAAACAGCTATGACCCATTACAGGAGAAACACCA
787	Vvi.11892	1117	TGTAAGACGACGGCCAGTAAAGCAGGATGCAAAAGC	CAGGAAACAGCTATGACCCAGTGGTGTGCTGAGAGT
799	Vvi.129	537	TGTAAGACGACGGCCAGTCTCATCTGCCTATGTGGT	CAGGAAACAGCTATGACCTAACTAATGTGGTGGCAGT
801	Vvi.13738	490	TGTAAGACGACGGCCAGTACTTCAACTGCTCTTTGC	CAGGAAACAGCTATGACCTTGTGTTCAAGCGTAGTG
811	Vvi.128	465	TGTAAGACGACGGCCAGTAGACTGGATCAGCCTTCAA	CAGGAAACAGCTATGACCAAGCAGGAGGAGTGACAA
815	Vvi.8863	418	TGTAAGACGACGGCCAGTCACTTCAATTCCTTCTTCC	CAGGAAACAGCTATGACCCGCTTGTCTTCACTTCTCC
817	Vvi.1581	437	TGTAAGACGACGGCCAGTCTGATCAATGTAGAGCAGCA	CAGGAAACAGCTATGACCCGTGCAAGAAAGGAAGTTG
819	Vvi.1591	372	TGTAAGACGACGGCCAGTGCAAAAGTGCAGAGGGAGTT	CAGGAAACAGCTATGACCTGATGAAAGGGAGGAGTGA
825	Vvi.1560	359	TGTAAGACGACGGCCAGTTCAGGTTTCAGGTTGGAGGAC	CAGGAAACAGCTATGACCCATTGGGAAGGCCATGACC
827	Vvi.14739	247	TGTAAGACGACGGCCAGTCACTGTTGCTTGTGGT	CAGGAAACAGCTATGACCCATTAGCCAAACACCTTTTCG
829	Vvi.1206	373	TGTAAGACGACGGCCAGTAGACGGAGAGGAAAGCA	CAGGAAACAGCTATGACCCCTGAACCCAGAAAGTCAAG
835	Vvi.10423	275	TGTAAGACGACGGCCAGTTCCTCAATCATGATAGT	CAGGAAACAGCTATGACCCGTGAATTTGCTTTCATGG
837	Vvi.1551	340	TGTAAGACGACGGCCAGTACACACCCAAATCCACAT	CAGGAAACAGCTATGACCCCTACGCTTCACTGACG
841	Vvi.8949	443	TGTAAGACGACGGCCAGTCAACCCAAATCCCAAAAT	CAGGAAACAGCTATGACCCGAGCAGACAGGATGAGA
843	Vvi.398	417	TGTAAGACGACGGCCAGTCTCCTGCGCCATAA	CAGGAAACAGCTATGACCCGTGACCCAGCATTTGACCTC
845	Vvi.8153	876	TGTAAGACGACGGCCAGTTCACACAGCAGGATCTTC	CAGGAAACAGCTATGACCCATCCCAACGAAAGGAT
851	Vvi.1191	348	TGTAAGACGACGGCCAGTCCACAGTTTGTCTGCTTC	CAGGAAACAGCTATGACCCATGTGCTAGGAAGTGTAA
853	Vvi.8888	346	TGTAAGACGACGGCCAGTGCAGGACATGGCTTATAT	CAGGAAACAGCTATGACCAATACACCCCTGAATGGAC
855	Vvi.7925	202	TGTAAGACGACGGCCAGTACCCTGTCCACCCAGCAAC	CAGGAAACAGCTATGACCCCTGCGATCAAGATCAATG
857	Vvi.6159	436	TGTAAGACGACGGCCAGTTGAGGAGCCATAGACACTC	CAGGAAACAGCTATGACCAAGGGGACTAAGAAATACA
859	Vvi.7639	398	TGTAAGACGACGGCCAGTCTCAGACTGCTCAGT	CAGGAAACAGCTATGACCCCTGACCCCTGACACTC
865	Vvi.2316	557	TGTAAGACGACGGCCAGTGTGATGTTGTTATCG	CAGGAAACAGCTATGACCCCTGTACTGCTGTGCTTTC
867	Vvi.9994	778	TGTAAGACGACGGCCAGTGAAGTAGTGGTGGAGTTGA	CAGGAAACAGCTATGACCTTGGGCTAATGATGAAGT
871	Vvi.6728	376	TGTAAGACGACGGCCAGTCTCACTGGTTCAGTCACAT	CAGGAAACAGCTATGACCCCTACCGGCTTCACTGACT
873	Vvi.9410	435	TGTAAGACGACGGCCAGTCCGAATGAGGCGACGAAGA	CAGGAAACAGCTATGACCAATTTCCACCCCAAGG
875	Vvi.1711	359	TGTAAGACGACGGCCAGTCAAGCCTTGAAGAGTGTCT	CAGGAAACAGCTATGACCAAGCTGCTGATGATAGCC
877	Vvi.7410	427	TGTAAGACGACGGCCAGTGGAGTCAATGGCAACAGAA	CAGGAAACAGCTATGACCTGGATTGGTAGCTGCTAGC
879	Vvi.9151	378	TGTAAGACGACGGCCAGTGCAAAAGTGCAGATACCAAC	CAGGAAACAGCTATGACCCGCGACCTGAAACCTTC
881	Vvi.7982	487	TGTAAGACGACGGCCAGTCAAGCAACCAAGTACATAA	CAGGAAACAGCTATGACCAAGTGTGCAAAATCAAGG
883	Vvi.9204	691	TGTAAGACGACGGCCAGTCTCTTGGCTATTCTT	CAGGAAACAGCTATGACCCATTCCAGCTGCTGCTCTT
887	Vvi.2222	323	TGTAAGACGACGGCCAGTCTGCTGTGCTTCTC	CAGGAAACAGCTATGACCCAAATCATCCAGCACCTC
891	Vvi.5254	317	TGTAAGACGACGGCCAGTCTCAGCAGTCAAGAAAT	CAGGAAACAGCTATGACCAATTCATCAGCAGCCACA
893	Vvi.7958	578	TGTAAGACGACGGCCAGTGAAGTAGTGGTGGAGTTGA	CAGGAAACAGCTATGACCCCTTCAAGCCTAGATTTG
895	Vvi.6840	423	TGTAAGACGACGGCCAGTGTGCAACAGAAACAGAGCTT	CAGGAAACAGCTATGACCAAAAGCACTGGCAAACTT
897	Vvi.893	422	TGTAAGACGACGGCCAGTGCAGAGTTGTGGAT	CAGGAAACAGCTATGACCCGAGTTCCTCACTCACGA
907	Vvi.7571	443	TGTAAGACGACGGCCAGTAAAGCAGCAAGGAAAGG	CAGGAAACAGCTATGACCAATACAGTAGGCAAGGAA
915	Vvi.7389	438	TGTAAGACGACGGCCAGTCCAAAGTGCACACACCAAG	CAGGAAACAGCTATGACCAATACCCCGCTGATGCTG
919	Vvi.4117	470	TGTAAGACGACGGCCAGTGGAAATGGTGCAGAAAGT	CAGGAAACAGCTATGACCCCACTGACCTGCTGCTT
923	Vvi.6727	371	TGTAAGACGACGGCCAGTCCGCAACCAATAGCTTTC	CAGGAAACAGCTATGACCCCACTGGCTGCTGCTGCTT
925	Vvi.10211	363	TGTAAGACGACGGCCAGTCTCTCTCTCCACCAAGAA	CAGGAAACAGCTATGACCCGAAAGATCTGTGATGACAT
929	Vvi.10340	329	TGTAAGACGACGGCCAGTCTCTCTCTCTCTCTTTC	CAGGAAACAGCTATGACCCGATCTCCCTGCTGCTTTC
933	Vvi.1699	542	TGTAAGACGACGGCCAGTTGAAGGAAACAGGAGGAA	CAGGAAACAGCTATGACCCGCTTCAAGCCTTTG
941	Vvi.7707	480	TGTAAGACGACGGCCAGTGTATGGACGTGTATGTGA	CAGGAAACAGCTATGACCAAGGAGCCAAAGACATA
945	CF215168	355	TGTAAGACGACGGCCAGTGGTTCGCTGGATTGATTA	CAGGAAACAGCTATGACCCGCTTGCCACACTGAAA
947	Vvi.7240	345	TGTAAGACGACGGCCAGTAGGAGGCGAAGCAGAGA	CAGGAAACAGCTATGACCCCTTACCAATTCATATGAC
961	Vvi.2190	299	TGTAAGACGACGGCCAGTGCAGCAGAACTGAAGCA	CAGGAAACAGCTATGACCCGCTCAAAATATATCCA
967	Vvi.3288	341	TGTAAGACGACGGCCAGTGAAGCATGACGAAAGCACA	CAGGAAACAGCTATGACCCGATTTCCGAGTCAAGCAG
969	Vvi.6678	175	TGTAAGACGACGGCCAGTATCATCTGCAACTTCCAC	CAGGAAACAGCTATGACCCCACTTCAACATCAAGG
973	Vvi.10243	388	TGTAAGACGACGGCCAGTCACTATCACACAGCAGGAACC	CAGGAAACAGCTATGACCAAGGCTCATCGGAAAGTCT
977	Vvi.7332	420	TGTAAGACGACGGCCAGTAGGAGGAGCAACCAAGCAT	CAGGAAACAGCTATGACCCGAGGAAACAGCAGCACA
987	Vvi.10197	361	TGTAAGACGACGGCCAGTGAATGCAAGCAGGAGAT	CAGGAAACAGCTATGACCTTAAACCAACAGCAGCACA
1001	Vvi.7740	434	TGTAAGACGACGGCCAGTGGAAATGCAAGGACAGGAAAC	CAGGAAACAGCTATGACCCACCAAGAGTCTTCCA
1003	Vvi.1292	500	TGTAAGACGACGGCCAGTCCAAAGTTTCTTGGGCAAT	CAGGAAACAGCTATGACCCAGAGGTTGTGAGGAGCTGA
1007	Vvi.11667	585	TGTAAGACGACGGCCAGTGAACGACCAAGATGAAACCC	CAGGAAACAGCTATGACCCGAGCTTATGACGAAAGG
1009	Vvi.12361	421	TGTAAGACGACGGCCAGTCACTGCGCCAGTTGATG	CAGGAAACAGCTATGACCTGGGAGTGAATGAAAGG
1011	Vvi.3190	538	TGTAAGACGACGGCCAGTCTTGTGCTATCCGTTCTC	CAGGAAACAGCTATGACCCAGCTTCTCAACTCTCA
1015	Vvi.8123	333	TGTAAGACGACGGCCAGTGCAAAAGTGCAGCAGCAAGA	CAGGAAACAGCTATGACCCGAGTGGTAAAGGAGTGT
1017	Vvi.668	304	TGTAAGACGACGGCCAGTGTGCAAGCAGATGCACATAG	CAGGAAACAGCTATGACCAAGGAGTGGTGTAAAGAGG
1021	Vvi.7575	218	TGTAAGACGACGGCCAGTAAACTGAACAGATGAGTGC	CAGGAAACAGCTATGACCCGCGGATTTGAGAAAGGAA
1023	Vvi.41	487	TGTAAGACGACGGCCAGTCCCACTCAACCAAGAGTGA	CAGGAAACAGCTATGACCTACTCTGACAGCTGCACA
1025	Vvi.7021	444	TGTAAGACGACGGCCAGTAAACAGCAGCAACAGAGC	CAGGAAACAGCTATGACCTGTCAACTCTCTGCGAAA
1027	Vvi.5643	628	TGTAAGACGACGGCCAGTAGGCAACCAACCAACTTC	CAGGAAACAGCTATGACCAAGGAGGCTGACAGAG
1029	Vvi.8007	316	TGTAAGACGACGGCCAGTGGCTGAGAAGATGGTGT	CAGGAAACAGCTATGACCCAAATGTGATATGAGCTTGC
1031	CF516996	441	TGTAAGACGACGGCCAGTCTTCTTCTTCAATCAACC	CAGGAAACAGCTATGACCCGCAAGGCACTTCTCCAT
1037	Vvi.461	283	TGTAAGACGACGGCCAGTCCGCTTCTTCCAGAGC	CAGGAAACAGCTATGACCTCAGGACTTTGATGCGAG
1109	Vvi.6764	354	TGTAAGACGACGGCCAGTGCAGAACTGATGGAGTTGC	CAGGAAACAGCTATGACCCGAAAGCAGCAGCAAGATCC
1119	Vvi.10	357	TGTAAGACGACGGCCAGTTAGGCGAAGGATGGCTA	CAGGAAACAGCTATGACCAAAAGACCTTGGAGCAAT
1127	Vvi.85	435	TGTAAGACGACGGCCAGTCAAGCTATTGCTCTGTGCA	CAGGAAACAGCTATGACCCGCTCACTGCAACAGAAAT
1137	Vvi.129	609	TGTAAGACGACGGCCAGTGAAGCAACCAAGCATTAGC	CAGGAAACAGCTATGACCTGTGATTTCTGCGGCAAT
1151	Vvi.1307	551	TGTAAGACGACGGCCAGTCCGCTGATTAAGTGTGAAG	CAGGAAACAGCTATGACCCGCTTCTGCTGGATG
1157	Vvi.2154	439	TGTAAGACGACGGCCAGTGTGAGATGAAGTAGAGC	CAGGAAACAGCTATGACCTCAAGCTGTGGAATG
1161	Vvi.3370	373	TGTAAGACGACGGCCAGTGTGACGAGCAGAGTGA	CAGGAAACAGCTATGACCCCACTCCAGCTGTAGGAA
1171	Vvi.7047	355	TGTAAGACGACGGCCAGTGGAGACAGATTTGGTTAATGC	CAGGAAACAGCTATGACCCCTTCCCTGATTTCTTTG
1175	Vvi.7185	347	TGTAAGACGACGGCCAGTGGATGGTGAAGAGGAGTGA	CAGGAAACAGCTATGACCCGTTCCAGTGTGATGAAA
1191	Vvi.11961	201	TGTAAGACGACGGCCAGTCAACACTCAGCTCCGGTAGG	CAGGAAACAGCTATGACCCGCAACAAAGTTCAGCACA
1201	Vvi.12037	360	TGTAAGACGACGGCCAGTCTTCTTGGATGGCGTAGG	CAGGAAACAGCTATGACCCGTGAACGCACTGCAAGG
1211	Vvi.12138	202	TGTAAGACGACGGCCAGTGCAGAAATTTGAAGTAGCA	CAGGAAACAGCTATGACCCGAGTGGTTCGTGAGAAATG
1213	Vvi.12158	609	TGTAAGACGACGGCCAGTTCACATCAGGCGCAAGG	CAGGAAACAGCTATGACCCGCGTGGAAATGAGTTG
1215	Vvi.12195	201	TGTAAGACGACGGCCAGTGTGATGAATGGCTTTGG	CAGGAAACAGCTATGACCTGTGATGAGTGGTTAAGA
1217	Vvi.12233	220	TGTAAGACGACGGCCAGTGTGATGAAGAAATTTGG	CAGGAAACAGCTATGACCCCTTCTGACAGGAGGA
1229	Vvi.12341	320	TGTAAGACGACGGCCAGTCTCTAGCTACCAAGC	CAGGAAACAGCTATGACCCCTCAACATCCAACTC
1	AF450278	1748	TGTAAGACGACGGCCAGTCTCACTCCTCCTCTCTG	CAGGAAACAGCTATGACCCATTGGAAGCCTCCTCATCA