

Clonotype ID	BV gene	NDN	BJ gene	Core a.a. sequence	Clone Count
10	GCCAGTAGTATA	AGGTCAG	CCTACGAGCAGTACTTC	IRSA	81
12	GCCAGTAGTAT	TCGTTCGG	CCTACGAGCAGTACTTC	IRSA	48
94	GCCAGTAGTAT	CAGGAG	CTCCTACGAGCAGTACTTC	IRSS	27
62	GCCAGTAGT	TCGCGAAG	CTCCTACGAGCAGTACTTC	SRSS	24
1	GCCAGTAGTAT	TAGGAG	CTCCTACGAGCAGTACTTC	IRSS	19
8	GCCAGTAGT	TCAAGGGC	CTCCTACGAGCAGTACTTC	SRAS	16
54	GCCAGTAGTA	ACGGGGC	CTATGGCTACACCTTC	NGAY	14
11	GCCAGTAGTATA	CGGAG	CTCCTACGAGCAGTACTTC	IRSS	13
27	GCCAGTAGT	TCCCGTTCA	TCCTACGAGCAGTACTTC	SRSS	11
167	GCCAGTAGTAT	CGGCAG	CTATGGCTACACCTTC	IGSY	11
71	GCCAGTAGTATA	AGGAG	CTCCTACGAGCAGTACTTC	IRSS	9
40	GCCAGTAGTAT	CGGGAG	CTATGGCTACACCTTC	IGSY	9
78	GCCAGTAGTAT	TAGAAG	CTCCTACGAGCAGTACTTC	IRSS	8
130	GCCAGTAGTAT	CCGGAGTG	CCTACGAGCAGTACTTC	IRSA	8
100	GCCAGTAGTATA	CGGTCCCAGGAGA	CCCAGCATTTT	IRSQ	8
14	GCCAGTAGTAT	TGGGAG	CTATGGCTACACCTTC	IGSY	7
137	GCCAGTAGTAT	CCGGAGT	TCCTACGAGCAGTACTTC	IRSS	6
142	GCCAGTAG	CGTCAGGAG	CTCCTACGAGCAGTACTTC	VRSS	6
61	GCCAGTAGTA	GCAGGAG	CTCCTACGAGCAGTACTTC	SRSS	6
144	GCCAGTAGTATA	CGAAG	CTCCTACGAGCAGTACTTC	IRSS	4
143	GCCAGT	FCTACCAGGTCTG	CCTACGAGCAGTACTTC	TRSA	4
118	GCCAGTAG	TCTCGGAGTTCC	GATACGCAGTATTT	SRSS	4
19	GCCAGTAG	CATACGGAGT	TCCTACGAGCAGTACTTC	IRSS	3
42	GCCAGTAGT	GTCAGGAG	CTCCTACGAGCAGTACTTC	VRSS	3
102	GCCAGTAGTA	CCAGGGC	CTCCTACGAGCAGTACTTC	TRAS	3
20	GCCAGTAG	TTCCGATCCA	CAGATACGCAGTATTTT	FRST	3
228	GCCAGTAGTA	GGCGGAGTGCG	GATACGCAGTATTTT	RRSA	3
205	GCCAGTAGT	TCACGAAGCA	CAGATACGCAGTATTTT	SRSR	3
7	GCCAGTAGTATA	AGGAGCGG	AGAGACCCAGTACTTC	IRSR	3
22	GCCAGTAG	CATTCGGAGT	TCCTACGAGCAGTACTTC	IRSS	2
90	GCCAGTAGTAT	CAGGTC	CTCCTACGAGCAGTACTTC	IRSS	2
32	GCCAGTAG	CATTAGGAG	CTCCTACGAGCAGTACTTC	IRSS	2
110	GCCAGTAGTATA	AGAAG	CTCCTACGAGCAGTACTTC	IRSS	2
132	GCCAGTAGTAT	TCGGAG	CTCCTACGAGCAGTACTTC	IRSS	2
145	GCCAGTCGTATA	AGGAG	CTCCTACGAGCAGTACTTC	IRSS	2
147	GCCAGTAGTATA	CGTAG	CTCCTACGAGCAGTACTTC	IRSS	2
164	GCCAGTAGTATA	CGAAGT	TCCTACGAGCAGTACTTC	IRSS	2
204	GCCAGTAGTATA	AGGTCA	TCCTACGAGCAGTACTTC	IRSS	2
25	GCCAGTAGT	GTGCGGAG	CTCCTACGAGCAGTACTTC	VRSS	2
206	GCCAGTAGT	GTCAGATCGAG	CTACGAGCAGTACTTC	VRSS	2
213	GCCAGTAGT	GTCCGGAG	CTCCTACGAGCAGTACTTC	VRSS	2
223	GCCAGTAGT	GTACGGAG	CTCCTACGAGCAGTACTTC	VRSS	2
153	GCCAGTAGTAT	TAGATCGGCT	TACGAGCAGTACTTC	IRSA	2
166	GCCAGTAGTA	CCCGGTC	CTCCTACGAGCAGTACTTC	TRSS	2
35	GCCAGTAGTATA	AGGTCCGGGGAC	CGAGCAGTACTTC	IRSG	2
5	GCCAGTAGTA	GCCGGTCTG	CCTACGAGCAGTACTTC	SRSA	2

146	GCCAGTAGTATA	AGGAGTAC	CTACGAGCAGTACTTC	<i>IRST</i>	2
168	GCCAGTAGTAT	CGGTTC	CTATGGCTACACCTTC	<i>IGSY</i>	2
38	GCCAGTAGTAT	CGGGGTT	TATGGCTACACCTTC	<i>IGVY</i>	2
171	GCCAGT	GGTACAGGGAG	CTATGGCTACACCTTC	<i>TGSY</i>	2
4	GCCAGTAGTAT	TCGATCG	GCAGATACGCAGTATTTT	<i>IRSA</i>	2
82	GCCAGTAGTAT	CAGAGCGGGGGC	CTGCAGTTCTTC	<i>IRAG</i>	2
129	GCCAGTAGTAT	TCAC	GCAATCAGCCCCAGCATTTT	<i>IHSN</i>	2
136	GCCAGTAGTATA	CGTTCGG	ACGGGGAGCTGTTTTTTT	<i>IRSD</i>	2
49	GCCAGTAGTATA	CGTTCT	TCCTACGAGCAGTACTTC	<i>IRSS</i>	1
50	GCCAGTAGTAT	TAGGAGT	TCCTACGAGCAGTACTTC	<i>IRSS</i>	1
140	GCCAGTAGTATA	AGGAGT	TCCGACGAGCAGTACTTC	<i>IRSS</i>	1
141	GCCAGTAGTAT	CCGCTCTAGTG	ACGAGCAGTACTTC	<i>IRSS</i>	1
148	GCCAGTAGTATA	AGGTCCAG	CGTGGAGCAGTACTTC	<i>IRSS</i>	1
149	GCCAGTAGTAT	CCGTTC	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
150	GCCAGTAGTAT	TAGAAGT	TCCTACGAGCAGTACTTC	<i>IRSS</i>	1
151	GCCAGTAGTAT	CCGTAG	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
165	GCCAGTAGTAT	TAGGTC	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
180	GCCAGTAGTATA	AGGAGT	TCCTACGAGCAGTACTTC	<i>IRSS</i>	1
215	GCCAGTAGTATA	CGGAGT	TCCTACGAGCAGTACTTC	<i>IRSS</i>	1
229	GCCAGTAG	CTCCCG	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
230	GCCAGTAGTATA	CGCAG	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
231	GCCAGTAGTATA	AGGAGCAG	CTACGAGCAGTACTTC	<i>IRSS</i>	1
232	GCCAGTAGTAT	TCGCAG	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
233	GCCAGTAGTAT	TAGGTCG	TCCTACGAGCAGTACTTC	<i>IRSS</i>	1
234	GCCAGTAGTAT	CCGAAG	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
235	GCCAGTAGTAT	TCGTAG	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
221	GCCAGTAGTAT	CCGCAG	CTCCTACGAGCAGTACTTC	<i>IRSS</i>	1
81	GCCAGTAG	CGTTAGGAG	CTCCTACGAGCAGTACTTC	<i>VRSS</i>	1
57	GCCAGTAGT	GTCCGATC	CTCCTACGAGCAGTACTTC	<i>VRSS</i>	1
156	GCCAGTAGT	GTCCGGTC	CTCCTACGAGCAGTACTTC	<i>VRSS</i>	1
157	GCCAGTAGT	GTCAGGAG	CTCCTACGAGCAGTACTTC	<i>VRSS</i>	1
208	GCCAGTAGT	GTCCGCAG	CTCCTACGAGCAGTACTTC	<i>VRSS</i>	1
182	GCCAGTAGT	GTCAGGTC	CTCCTACGAGCAGTACTTC	<i>VRSS</i>	1
152	GCCAGTAGTATA	CGGTCAG	CCTACGAGCAGTACTTC	<i>IRSA</i>	1
154	GCCAGTAGTAT	TAGATCGCGT	TACGAGCAGTACTTC	<i>IRSA</i>	1
211	GCCAGTAGTATA	AGGAGTG	CCTACGAGCAGTACTTC	<i>IRSA</i>	1
88	GCCAGTAGTA	CTCGGAG	CTCCTACGAGCAGTACTTC	<i>TRSS</i>	1
99	GCCAGTAGTA	CACGATC	CTCCTACGAGCAGTACTTC	<i>TRSS</i>	1
155	GCCAGTAGTA	CACGCAG	CTCCTACGAGCAGTACTTC	<i>TRSS</i>	1
226	GCCAGTAGTA	CCCCTAG	CTCCTACGAGCAGTACTTC	<i>TRSS</i>	1
18	GCCAGTAGT	TCGCGGAG	CTCCTACGAGCAGTACTTC	<i>SRSS</i>	1
185	GCCAGTAGT	TCCAGGAG	CTCCTACGAGCAGTACTTC	<i>SRSS</i>	1
237	GCCAGTAGT	TCCCGAAG	CTCCTACGAGCAGTACTTC	<i>SRSS</i>	1
159	GCCAGTAGTAT	CCGATCGGGATT	CGAGCAGTACTTC	<i>IRSG</i>	1
160	GCCAGTAGTAT	TAGGAGCGG	CTACGAGCAGTACTTC	<i>IRSG</i>	1
56	GCCAGTAGT	TCGCGGAG	CTCCTACGAGCAGTACTTC	<i>SRAS</i>	1
84	GCCAGTAGTAT	GCGTAGCAG	CTACGAGCAGTACTTC	<i>MRSS</i>	1
161	GCCAGTAGTAT	GCGGAG	CTCCTACGAGCAGTACTTC	<i>MRSS</i>	1
74	GCCAGTAGT	CCCAGAAGCG	CCTACGAGCAGTACTTC	<i>PRSS</i>	1

203	GCCAGTAGTATA	AGGACAGAAGAA	GAGCAGTACTTC	<i>IRTEE</i>	1
249	GCCAGTAGTAT	CAGGAC	CTCCTACGAGCAGTACTTC	<i>IRTS</i>	1
250	GCCAGTAGTAT	CCGACTG	CCTACGAGCAGTACTTC	<i>IRTA</i>	1
224	GCCAGTAGTAT	TAGAAGCC	CCTACGAGCAGTACTTC	<i>IRSP</i>	1
125	GCCAGTAGT	GGGCGTC	CTCCTACGAGCAGTACTTC	<i>GRSS</i>	1
158	GCCAGTAGTAT	TCGATCGCAAGAG	GAGCAGTACTTC	<i>IRSQ</i>	1
216	GCCAGTAGT	CTGCGTAG	CTCCTACGAGCAGTACTTC	<i>LRSS</i>	1
162	GCCAGTAGT	TCCCGTACA	TCCTACGAGCAGTACTTC	<i>SRTS</i>	1
251	GCCAGTAGT	TCCCGGA	CTCCTACGAGCAGTACTTC	<i>SRTS</i>	1
225	GCCAGTAGT	CAACGTTCCGGA	TACGAGCAGTACTTC	<i>QRSG</i>	1
169	GCCAGTAATAT	CGGCAG	CTATGGCTACACCTTC	<i>IGSY</i>	1
48	GCCAGCTCGA	CGGGCCT	CTATGGCTACACCTTC	<i>TGLY</i>	1
170	GCCAGTAGTAT	CGGGGC	CTATGGCTACACCTTC	<i>IGAY</i>	1
238	GCCAGT	TCCCAGGGATC	CTATGGCTACACCTTC	<i>sQGSY</i>	1
239	GCCAGTAGTAT	CGGGATG	TATGGCTACACCTTC	<i>IGMY</i>	1
202	GCCAGTAGT	GGGAAG	CTATGGCTACACCTTC	<i>MGSY</i>	1
214	GCCAGTAG	CTGGGGCTC	CTATGGCTACACCTTC	<i>WGSY</i>	1
29	GTCAGTAGT	TCGAGGAGCA	CAGATACGCAGTATTTT	<i>SRST</i>	1
126	GCCAGTAG	CACAGAAGCA	CAGATACGCAGTATTTT	<i>HRST</i>	1
172	GCCAGTAGT	GGACGGAGCA	CAGATACGCAGTATTTT	<i>GRST</i>	1
173	GCCAGTAGT	CCCAGGAGCA	CAGATACGCAGTATTTT	<i>PRST</i>	1
240	GCCAGTAGTA	CCAGTCCAC	ACGCAGTATTTT	<i>TRST</i>	1
241	GCCAGTAG	ACCCGCAGCA	CAGATACGCAGTATTTT	<i>TRST</i>	1
201	GCCAGcAGTA	CTCGGAGCA	CAGATACGCAGTATTTT	<i>TRST</i>	1
242	GCCAGTAGTAT	GAGGAGCA	CAGATACGCAGTATTTT	<i>MRST</i>	1
212	GCCAGTAGT	GCCTTTGGGGCC	GATACGCAGTATTTT	<i>AFGA</i>	1
222	GCCAGTAGT	TCACGGTCCA	CAGATACGCAGTATTTT	<i>SRST</i>	1
93	GCCAGTAGTA	CCAGATCAGGAGTC	CTGCAGTTCTTC	<i>IRAS</i>	1
176	GCCAGTAGTA	CCAGATCAGGAGTC	CTGCAGTTCTTC	<i>TRSG</i>	1
31	GCCAGTAGT	TCCCGTCTCC	GAGACCCAGTACTTC	<i>SRSS</i>	1
92	GCCAGTAGT	TCACGTTCCGG	AGAGACCCAGTACTTC	<i>SRSg</i>	1
243	GCCAGT	ICGCTCAGATCCGGG	GAGACCCAGTACTTC	<i>SLRS</i>	1
244	GCCAGTAGTA	CCAGAGCGGG	AGAGACCCAGTACTTC	<i>TRAG</i>	1
227	GCCAGTAG	CGGGAGGGCCGGC	GAGACCCATTACTTC	<i>GRAG</i>	1
175	GCCAGTAGT	GACCGG	GCAATCAGCCCCAGCATTTT	<i>QRSN</i>	1
245	GCCAGTAGTAT	GAGGTCGGGAG	AGCCCCAGCATTTT	<i>MRSg</i>	1
217	GCCAGTAGTAT	ATCTAT	GCAATCAGCCCCAGCATTTT	<i>IYSN</i>	1
218	GCCAGTAGTA	AACGAAGTAGC	CAGCCCCAGCATTTT	<i>KRSS</i>	1
77	GCCAGTAGTA	CCCGGTCGGGAC	ACATTCAGTACTTC	<i>TRSG</i>	1
178	GCCAGTAGTAT	CCGTACGGGGG	ACATTCAGTACTTC	<i>IRTG</i>	1
76	GCCAGTAGT	CCCCGCTC	GAACACTGAAGCTTTCTTT	<i>PRSN</i>	1
174	GCCAGTAGTAT	GAGGAGTGGG	ACTGAAGCTTTCTTT	<i>MRSg</i>	1
85	GCCAGTAGT	TGGAGGTCGGTCGAGG	AACTGTTTTTT	<i>WRSV</i>	1
246	GCCAGTAGTATA	ATACGAAG	TAATGAAAACTGT	<i>IRSN</i>	1
247	GCCAGTAGT	TGGAGGTCGGT	CGGGGAGCTGTTTTTT	<i>WRSV</i>	1
248	GCCAGTAGT	TGGAGGTCGGC	CGGGGAGCTGTTTTTT	<i>WRSA</i>	1