

Appendix 1.

Amplification details and results (F=PCR failed, D=amplified from dog genomic DNA, RH=amplified on the RH panel, M=placed on the final map) for all ESTs tested.

clone ID	primer forward	primer revers	product bp	annealing temp	result
DP010001000D10	GCCTGAACTCTAGGAAACTGCAG	CATTCTGGTAGCTGCTTTCTCTGC	262	58	F
DP010002000F07	GTAGCTTTGCCATCACCACCAAG	CACAGACCTCACCTCTACTCCTG	460	58	M
DP010003000A06	CTAGGCATTGCTGAGATCCCAGA	ACATACATGCACTGCTGGTGAGTG	320	58	D
DP010003000B10	TTGCCAAACCTGCCCGAAAGTGA	CGTTTTGGACGAAGCACACGAAC	334	58	D
DP010003000F09	CATTTGTTGGGGTCTCTAGCGT	AACACAGAGCCTTTATTTACGGC	435	58	F
DP010004000A03	GCAGTGACCTTTGGTAGGAGTAC	GAGAGGAAAGCACTGAACCTTAGC	223	58	M
DP010004000C10	AGGCTGGCAGACTCCTTGAGGA	TGCTGATGGCATGTTGGTATGGC	272	58	D
DP010004000C12	TGCTCACTCTCTGCTTGAAGTCC	CCTAATACGAGGTGGAGAAACAGG	167	58	M
DP010004000E01	CATCTGAAGTCCCTAAGTGCCAC	TGTCACACCATGTAGAAAACCTGG	255	58	D
DP010004000E02	TCTAAGAGCCTGACACCAGCAAG	GCCTCTGAATAGAGGATGCCTGA	377	58	M
DP010004000E06	GGCATGAAGGATTTCAAGAAGAGC	AGTCGAAGTACGCTCATCTTTCC	277	58	M
DP010005000C02	CCTGCTTCTCTTTCTGAATCAT	CACACTGCCAAGATTTATCCAC	311	58	M
DP010005000C04	TGTCACAGAAGGCAGCTTTCCAC	CCTACACGTTGTGAACAGAATCTC	323	58	M
DP010005000E09	GGAGCGGAATTACCAAACCGATC	CTGCTAACCAAGTGAGAAGGACAAG	309	58	RH
DP010005000G03	CTCCCAACAATCCTATGAGGCAG	CTGAATCCACAGTTCATATCTGAC	269	58	M
DP010005000G05	GTTTCTCCATTTCCCTCCCTAG	GGAGAAATGGATGTCTTTACCTTGT	313	58	M
DP020001000A02	AAACACCTGGCTCCTCTGCTTTG	GGGCAGATGTGGGATTGCTCAAG	656	58	D
DP020001000A10	CAGAGCCTGGAATAACAGCTGCA	GAAAGGTTCTCCTACTCAGTGGC	235	58	D
DP020001000B09	ACTGGATTCTCTGTGGCATCTG	TGTCTTTCTGGCTAATCCAAGTGC	204	58	D
DP020001000B10	CGTTGATGGAAGCAGGATGCCTG	GCTTGAACCGTTTCTTAGTCACAC	326	58	M
DP020001000B11	GAAGGGCAAAACCCACTCTTACAC	AAATGCACAGCTACGATTGCGCC	204	58	M
DP020001000C01	ATGCGATCCTCATTTCTGTGGG	GCTCTTGTGTTTAGAGGGCAATGC	409	58	M
DP020001000C05	CCAAAGACAGCTCACGGCATCTA	AGCTCCACACCAGAGTCTTTTCC	366	58	D
DP020001000E08	CCACCTCCTGATCTGTCAACATG	CCAAGAGCTGTAGAGTGAGAAAG	255	58	M
DP020001000F01	GCATTCGTTTAGTAGTGCTTTACAC	ACCTACCCTCAAGGGCTTCACAA	335	58	M
DP020001000F10	TGAAAGCCTCCTGTGATGTCCATG	CTCGGGCTGATTTGGTTTCCACC	216	58	D
DP020001000F12	GACCATCCCTTTCTCATGTCCCTG	GTGGACAGATCACTAAAAAATGCAC	113	58	D

DP020001000G11	TATTAGGATTGCTTTTCACAGTTTCC	GGATTTGGTGCTTTTCATCGTGGG	254	58	RH
DP020001000H07	CCAGGACAAAGAAAGGTCTGCTAG	TGACGGAAAGCCGTGAGGTAACG	193	58	M
DP020002000A07	GTGCTCTGTATCAGTGGTTGCT	GAACCAAACAGAAAAGGTGCAAGC	169	58	RH
DP020002000C01	TCAGAAAAGACATGAACTGGATATAG	ATCCATCCCACCCTGTCCTGA	164	58	M
DP020002000E04	TCTCCAGTGTCCGAGCCTGTTA	GGTTTAACATGGAAAGGACTTCAGT	231	58	D
DP020002000E07	ACCTCTCCGCTTCCTTTGCTGTT	CGCTGTCACTCTGGAAGTTCGAC	455	58	D
DP020002000F06	CCAGAAACCACTTAGAGGATGGC	CCTAGCAATTATAAGTATTCAAACATG	272	58	D
DP020002000G09	GTTCAGCATCACTTGTCTGCACCA	AATCAGTTGTAACATAATGACTTCATAC	152	58	M
DP030001000A07	CCCATTTATCCTCCAACCTGGA	AGAAAGTGAGGCATCGCTGTGGA	210	58	RH
DP030001000C05	ATCTGAGTGGTGTGCTTCAAGGG	GCTTAGAGTGAAGGAAAACCATCTT	345	58	D
DP030001000E12	CAGTCTGAGGTTGGAAAACACGG	CAGGTGTCCACAGCATTTC AAGG	297	58	M
DP030001000G12	CTAGGAAGTTGCACATTACTCGGG	CCTGTCAACTAAACCTCACATCCA	101	58	RH
DP030001000H05	CCCTTCTAAGCTTGGTTTTCCAG	ACTTTCCTGAGTAATCTTATAGTCATG	451	58	M
DP030001000H10	TGCAGCTCGTGATGAGGAAGAGG	TGAAAGCCAGCTCCACCGAGTAG	312	58	D
DP030002000A04	GCAGCTCGAATTCATTGTGTTGGG	TTCTTACAGGGTCAGAATCCAGG	303	58	F
DP030002000A07	GTCTTTCTGAGTATCCAATCACTC	CTTGGTGGGCTACTTCAATCTGG	263	58	M
DP030002000B12	CAGGAAGACACCTGGCTTTGAATC	TATTATGTGCCAGACACTGTTTCT	166	58	D
DP030002000C07	TCCACTTCAGTGGGCTAAATGCC	CAGAACTTGGTCTCTCACCGCTT	572	58	M
DP030002000C11	CATGGCACTATTATTCACAAGAGGC	GTAAGGTGACAGAGTTTGCAGCC	350	58	F
DP030002000D05	AGAACAGTTGGCATTTTGAGCTGG	GGATACAACAGCAGGAGACTTGG	287	58	F
DP030002000E03	GATTGGTCCTGATTTGCCTCCCA	CCTCACTGGAAAGCAGACAAATCC	161	58	RH
DP030002000F01	TGGAGTCTGGATCAGCTCTGATTC	TCTGGTACAAAGTGGAAGCTACAG	393	58	D
DP030002000F05	CTGTAGGCTTCTTGGGAACTGCT	TCTGTCAAGCTAGAAGCTCCTCA	474	58	D
DP030002000F10	GTTGGGCTCAAAGCTGGACAGT	CTCGCATTTTACTCCATCGTATGTA	327	58	D
DP030002000F12	CTGTAGGCTTTTCTGATTCACCTG	GATGTGTAAGGCGGAAGAATCCAG	369	58	D
DP030002000G03	AGGCTGTTTTCTGGGTTCTGCC	ACCCTGGACCAGTCAATGCCCT	232	58	D
DP030002000G08	CCAAGCTAGTTTACTTAGACCAGG	GGAGATGAAGTGTCTGTTGATGCC	456	58	RH
DP030002000G09	TCTCAGTCCTTCCAGGTGTATGG	GTCTCCACTGAAGGACATTCTG	265	58	RH
DP030002000H01	TTGAACCCTGTGGTCTCAGTGG	GCTGTAAACGGAGCAAAGGTCATC	244	58	D
DP030002000H04	GCAGCTCGAATTCATTGTGTTAGG	TTTTCCCTACCTCTCCACCTGT	462	58	F
DP030002000H10	GTAGCTGGCATTGTGAGGCTG	AGATCAGACCATAAACAGTATCCTG	436	58	RH
DP040001000A04	AGACCAATACCACTGCCACCTT	GCAGTTTCTGTGCTGAGTGTGGA	373	58	F

DP040001000A07	TCCACAGCCTCTCGCTCCACAG	CGTCTCTGCCAAACAGTCCGCC	220	58	F
DP040001000B03	CGAACCATTGTGTGGGGACAAGA	GAGTGGAGACAGGCAAGAGGAAG	483	58	F
DP040001000C02	GTTCCCATTCACAGTCTAGCTCG	GATGGAAAGGCAGAGACAACAGG	324	58	F
DP040001000E06	AGAAGAGCACCTAAGCCACCAAC	AGGCTTTGCTCATTCTCCTCAGG	364	58	D
DP040001000G09	GTGTTTTGTAAGTCCAGGAGCAG	GGAAACTTCAACCAACAGCCACAT	255	58	D
DP040002000C01	GCTCGAACCATTTGTTGGGGATAG	TCCTGGTATGGAGCAATAGATGAAC	271	58	F
DP040002000D05	CTCTTGGGAGTTCTTTGGTGAGG	CCAGCACTAACAGAGACGGTGAT	317	58	D
DP040002000E07	GGCGTGGAGTCTGCTTGATTCTC	ATGGCTCCTCCAAGTGTCTATC	133	58	F
DP040002000E12	CTAAGAAGCGGTTCTCCTACACC	GAGTAGGGCAGAGCAGGAAAAGC	342	58	D
DP040002000F07	CGTGATAGGGAAGACAGAAATGTGG	CTCAGTTTTCTCTTCACCTCAAAGT	331	58	M
DP040002000G05	CCATTTGTTGGGCAGGGACACTT	CTAAGACCTGCTTGGCTTCTCTC	221	58	D
DP040002000H06	GTCACAGATTACATCCCGAAAGC	GGAACAAACAGCACCTTCTCCTC	191	58	M
DP050001000C01	CAAGCAGGGAATCCGTGGATAGT	CCGTGAGCATTAAAGAGTGTGGAC	117	58	RH
DP050001000C07	TGCATATAGGTGTTATCACACTGGA	GTCTCCAACCTTAACTCTGCACC	136	58	D
DP050001000C09	GAACCTTCCAGGCTCTTGGTAGG	ATAGTTCAGAGCGTCCAAAGACTC	295	58	M
DP050001000D01	GCTGGTGTCTTTGCTGCCTGATC	TCTTGAGCAGGTCAGGCTTCAGA	123	58	D
DP050001000D12	AACCTCACTACCTTGTCTGGCCA	GTACCAAAAACAACGCGCTTATCTC	299	58	M
DP050001000E10	ACAGTTTGCAGCTCCGCTGATAG	GCCACTTTCTGTGGCTTTCCAAC	342	58	M
DP050002000B02	CTTGGTGTCTAGTCTATTGCCAC	TCACCATGCTGTGCAATAGATCCC	447	58	M
DP050002000B06	GTGAATGATGCCTGGAAGCTGCT	CATCAGTCATTCGGTATTAACCGAA	368	58	M
DP050002000C09	GAGCTTTCTTGAAATGAGAGATGCA	GACATCAAGCACACTGAAGCAGG	261	58	D
DP050002000E07	GCCACATACGTTCAAAATAGAGCTC	CGCAGATACAACAGGAGCCAAGA	172	58	M
DP050002000E12	GTGTAGACCAGAGAGGAAGACTTG	GTGAGTGAATGCCAAAGTAGAGAC	121	58	RH
DP050002000F04	GCTCTTGTCTCAGTGTTAGGGAG	CTCCAAATCCTGCTTCTGAACCTG	184	58	RH
DP050002000H11	CGGATTCATGGAACCTGGTCC	CTCAGATAACCACAGGAGTTGGC	432	58	M
DR010001000C10	CTCCTACCTCATTAGCTCGTCAC	CCTCAATAGCCAAGCCAGGATGT	110	58	F
DR010001000D06	GTTCTTGTAAGACTTCTTGAGAC	GCCATTTAGTGGAAGCTCAGGT	350	58	D
DR010001000D10	CAGGTTTCATCTTGACGTAAGGTC	AGTCAGTTGCTGAGCCACATAGG	285	58	M
DR010001000E05	CCGAAAAGCGATGCCTCTACACA	CACGAAGACTCTTGGAACCTTTCC	287	58	D
DR010001000E07	TTCTCAGACCTCTGCACAAAGGG	TTGCTCTACCCAGAGATACCAACC	218	58	M
DR010001000F06	AGCCAGACACAAAGAGACTATAACC	TGTAAGTCCACCCAGACACAC	183	58	M
DR010001000F11	GCTTCCATAGTGCCAGAGATTGG	GGTAGAAGTGGTCTGCAGCATTAC	301	58	M

DR010001000G07	AATGGAGAGGCGCTGACTCGGA	GTCACACCAAGTGAAGAAGCCA	291	58	F
DR010001000G10	CTTCAAGGCACTGTTCCCTGAGAC	GAGGCAGGGATACAGGTGTCTTG	311	58	D
DR010001000H10	GGCACAGTGCTTTTGGATGAGATG	GGGAGCAAAAGACAAGGTCAGATT	207	58	D
DR010001000H12	GCTATGTTGAGCAAGTCCCTTCAG	CTATCCAGAGGTCAATCCAAGACC	150	58	M
DR010002000B06	CTACTTTGTTCCCTCTCCACCTTCC	TCCTGGAACATCGCCCATAACAA	198	58	D
DR010002000G01	GCCTGCCATTTTAGGACCAAACC	CCGCACTTCTTACCTGCTCTCTC	129	58	D
DR010003000A06	GGTCTGGGATCAAGCCTCGTA	TAAGTTTATTGTGCAGATGTGACCAG	401	58	D
DR010003000A08	GGGCCCCCTTCTCAGTCCTTCC	CTCTCCTTCATGTGGCAGCGTTTTTC	178	58	D
DR010003000B05	GGGCTTTCCTTAGTAATTTCAACATA	AAAATCACACTACGTAGCTCAAGACA	354	58	D
DR010003000B07	GAGGTTGGTGTGCGGTGACAATC	CACAGGTTACACCAGTCGCCTTT	381	58	D
DR010003000B08	CCCCCAGTGGCTTGTTTGTATTT	TTTTTGATTGAACCTGCTTTATTTGACT	255	58	F
DR010003000C04	GATCTCGGCTCCTGCTCTTCTCC	ATGCGCGGGCTTCGTTTCG	513	58	D
DR010003000D01	TGATTTCAAGTGCATTTTGTGTCT	CTCTAGGGCTTGCCATGAATAACT	405	55	M
DR010003000D06	GTGGCTCAGTCTTTAAACGTCTACCT	AGCAAGAATAAGCAACCACCTA	368	58	D
DR010003000D11	TGAACGGAAACCAGTGCATTGAGG	TGGTCGCAACATCGTAGAACACAAC	255	58	M
DR010003000E04	TCAAGTGAGAAGAGAATAGAAAAGAT	AAACGAAATTGCACCATAAACAGT	172	52	D
DR010003000E10	TACCGTCTCTACCCCTGGATG	TTGGCAAAATGGCGAGTAAC	416	58	M
DR010003000F01	TATTTTCATAAGAGTAGGGAGAT	TAGAAACAACATAAATGGTAGGTA	120	58	F
DR010003000F03	GACTCTGCCTGCCCACTCT	CCCAGGCCCAGGATAATAAAT	228	58	F
DR010003000F05	GAGGGATCCGCAGTGACCAAGAG	AGACAACCGCAACCCCTGAG	274	58	D
DR010003000F08	GGGACTTTTCCAAGGGATTAAGAG	TAGGAAATATGGAATCCCAACTATG	294	58	M
DR010003000F09	CTGAAGTGAGATAATGGATAGGGAGAG	TTTTCAGAACTTACTTATCATTTAGGTC	306	58	M
DR010003000F10	CCTTGCCCTCTGCCTGTGG	TTTTTGATTTTGTGAGCTGATTGTTA	327	58	F
DR010003000G06	GGAGCGAGGGAGTTGGTGGAGAGT	AAGTGTGCGCAGCCCTGAGAGTTC	261	62	M
DR010003000G09	GTAGGGGCCTGGGTCTTTGTGT	AGACTGGTCGTGGCTAACTTGATTTTC	203	58	D
DR010003000H07	TGTTTGTCTTTGGTGCATAGTGAAT	CTTCCCAGGTTTCCCATCAATCT	161	55	RH
DR010003000H08	AACAGCCGATCCAACATTCAAAC	TATCCCACTTCTCCAACACCAACT	295	58	M
DR010004000A05	AAGAATTTGGTCCTAAGTCCTAC	CCCCTGTCCAAGCAAGAT	294	58	M
DR010004000A06	TGCTGGTTGGTGAATAAGAGG	GGGGGATGGGGAGCAAGTA	285	58	M
DR010004000A08	ACCTATAGCTGCTTTTGTGTCT	TTTTTCAGAAGCTATAGATTTTTA	230	58	F
DR010004000A10	TCCCCTGGGCTTGAGAG	ATAATTATTTGTTGAGTCCCTGAA	291	55	M
DR010004000B02	TTGAGGGAAGGTGGGCGGTGTAAGG	ATATCCAATGCAGCCAGAACTCA	196	58	D

DR010004000B06	CAACCAAGCAACCACCTACTGT	CCCTGCCATTCAAATTTTTACTGTGT	201	58	M
DR010004000B07	ATGAACCGAGCTTACTGTGATTTG	CTGTGCTCCCGTTTCCTGATGT	302	58	M
DR010004000C04	ATGTGTATTTAAGACTGTTTTCCGTGTT	GGGTTTTAGCATGCCTTTTAGTA	159	58	D
DR010004000C06	TGGGATTACAAACACGAGAAGA	ATCATTAAATTAGTCAGCCCATCATA	153	55	D
DR010004000E05	GGAGGCGCCCCGAGTTTGAAT	CCAGCCAGCCCCGAGCACAC	224	62	D
DR010004000E08	TTGGAATCTAATGTACATCTTGGTG	TAGCATTATATCAGTCTTAGGTGTA	217	52	D
DR010004000E09	ACGCCGAAGGGGAGGTAG	ATTTTCATGATTTGGCAGACTTTA	414	58	D
DR010004000E12	GGTGCAAAGGGAAAGGTC	TCAAAAATGCTGGAAAGAT	158	52	D
DR010004000F01	ACGCACGTGGTAAAGCAGGACA	ATCTAGACACCACCCGCCACAC	216	58	F
DR010004000F03	TTTCCTGTAAATGTTGCTGTGT	TGTTTCGATTCATCTCTTCTTG	157	52	D
DR010004000F05	TAGAACTAAAATGACACCAGACT	CCCCACAAGCAGGCAGGAAACA	136	58	F
DR010004000F07	TAGCCCTTAAGACCCTCAA	GGATGCCTCACTTCAAACA	277	55	D
DR010004000F12	TGCGGACCATTTAGTGTTTCT	AAGGATATTAAGGTGGGGTGGTT	177	58	D
DR010004000G02	AGAGAAGCAGGCATCATACAGAGA	TTAGGGCCAAGTGACAAAATTAGAGATG	285	58	M
DR010004000G05	TTTGCACCCCTGGCTCTATTATCT	AGTGCTCATCCCCAGTGCTCAA	203	58	M
DR010004000G06	ACCAGAAGCCTTAGTAATATAGTCAGTT	ATGCTTTTCTTAATATTTTCTTCTCT	112	52	D
DR010004000G11	AACACAGCCACATCCATTCATTTACA	GTTGGGCTCTGGGATAGGGACACT	209	58	M
DR010004000H06	AGCCGATCCAAAATTACTGAGAA	ATAGAGAATAATCCCACCAACCT	257	58	F
DR010004000H10	CAGTGAGTGGGTGCTATTGGTTTTCT	AATTGCTTTCCCTTTGCCCTTTAG	372	58	RH
DR010004000H12	AAGTCTTGCCAGGGTGTG	ACGGAAATGTTGGGTGAGA	138	58	RH
DR010005A10A07	CTCTTGGTGAATCCTCTGCCCTTTGA	CATCTTGGTTCCCTGCTACACG	223	58	M
DR010005A10A08	ACGAGGGGTAGCACGAG	TCAGAGGGGGTAGGGAAGAAC	338	58	M
DR010005A10A11	CCTCCCATCCCCACACCA	GGGCAGCCTTAAAACAAACAA	176	58	D
DR010005A10A12	GTATTGGGGCAGGAAAACAGT	GATAGGCCCAGTCAAACCATAA	361	58	M
DR010005A10B02	GGTCCGGTGCCCTATTTTCTTATC	TGTCTACTGGTACCCGAGCAACTTTA	206	58	D
DR010005A10B03	CTTCCCTCTGCTGACCGTAATC	GGCCTGCCTATATCTGTTGTAAAT	328	58	M
DR010005A10B07	AATGCAAATACTTACTGGAACACA	TAGACAACAAACATCGCCTTAG	314	58	M
DR010005A10C01	ACACTAGGAGCTGAGTTAACCTC	TCCTAACTGCCTGAGCACAAGAC	149	58	M
DR010005A10C09	CCAGTAGGTAAAGCAGATGCTGAG	TGCTTAGCTGAGCAATGGTGGCA	269	58	F
DR010005A10D01	AGGGCTTTCTAGTCTTGTCTGC	GTGCTTTTCCCCCTGTTGA	405	58	M
DR010005A10D03	CACTCTGCCAATTGGTTACACAT	TTGAAAGGAGGAAAGAGACAGGT	278	55	D
DR010005A10D07	CTTCTTACGTGCAAGGCGCTGTG	CTGGTTGGAGGAAACAGCAGAGC	456	58	RH

DR010005A10D09	CTTGGCAGTATATTTTCCTTTCAC	TACGGTTTGCACCTTCTAA	250	55	M
DR010005A10E07	AGTGGAAACGATCTGCCGTAGGAT	GCAAAGGGAAACTGAAGTCATACG	159	58	M
DR010005A10F08	TTGGGCAAAGGAATAAATGTGGA	CTTGGGGGAGTGGGGAGGTTG	197	58	D
DR010005A10F10	GCAAACGCACCAGAACT	TTTTTGAGCAACAGGATG	180	52	D
DR010005A10F11	AGAATGACTGCAACAACAACAAAACC	CAGAGATACATGCAGAGGGAGAAGC	490	58	F
DR010005A10F12	CTTTGTTGGCGTGCCTGGTTTACT	TACACTATGCTTTTTCTTTCTA	350	55	D
DR010005A10G02	TATAGCAGCATTAAACAACAGTAGC	CTTAAATTCCGCATGAGTGAGA	200	52	D
DR010005A10G07	CTGGGAAGAAGAACTAAGC	GAAATGGGGAAAGGTGTATCTA	416	55	RH
DR010005A10G10	CCATGGATAGGGCTTGTTTTC	ACCCCGCGGCTGTCCTGG	363	58	M
DR010005A10H02	GGGCAGCACATAGTAGGTA	GAAAGGTCGCCAGAGTCC	198	58	M
DR010005A10H03	GGAAGCTGTGTAACCGATTTG	AAGAGACATTTTGAGGCATTACA	97	58	F
DR010005A20A01	CTGATGGGCTGCACCTTAGAGACT	GATCCGGCTTTTATGGCAACA	317	58	M
DR010005A20A04	TTTTGAAATTAATGCTACCTACC	ATGGCCCTGAATTATGACCT	218	52	D
DR010005A20A07	GACCTTTTTCTTGTTGTTGTTTTA	TCTCCGCCCGCCTGACCTC	157	58	D
DR010005A20B10	AGATTTAGTATGACAGTTTTGCTTAT	CCTAGTCATTATGCTTTTTATTTTT	259	55	M
DR010005A20B12	TAGCCAACCATTTAACCTCATC	GGCTCCTAATTTAAGAAGTGG	242	58	M
DR010005A20C06	GGGTCAGAGTCTAGTGGCAGTT	TAAGGGACAATGTGGTATGGTAGGA	263	58	M
DR010005A20C09	GTGGGGCCAGGTCCTTCATCTT	GAGTTCAGGCCATAAATCCAGTCC	366	58	M
DR010005A20C12	CCAGCTCTGCCACGGGATACC	AAGCGGGAGCAGGACAGGAAGT	193	58	D
DR010005A20D02	ATATAGGGGTCCGATTTTCATT	GGTATTTTCCCAAGACAAGTT	267	58	F
DR010005A20D03	GATGCTTTCCTTTGGGTATGTGT	GCCCAAATTAGAGCTTAGAGAAC	376	55	D
DR010005A20D04	CCCGTCCCTGGCTTACC	GACGCGGACGATCAATACAA	214	58	D
DR010005A20D08	CGTGGTAAAGCAGGACACAGTATG	AGTGGACTTCCGTTTGCTGCCTG	184	58	RH
DR010005A20E02	CCATTTGTTGGGCTGGCTCTCAG	GTGAGATAGGCTCCATGCTTAGC	296	58	D
DR010005A20E02	GGTGGAGCCCGTCAAGAACAG	AGTGGCGCCTCAGATGAAAGAATAG	326	58	F
DR010005A20E07	GCTCTTCTGGTCATTTGGGGTCTTT	ATCTCTGGTTTGCTCCTGGCTTCTC	407	58	M
DR010005A20E09	CCACTCAAACACTACATTCCACAAGATA	CAGCCAGGCACTCCAACATA	297	58	F
DR010005A20E12	TGCTGCGGAAAACATCACAGGTC	GCAGTATTAGCCTGAGTGGATGG	524	58	F
DR010005A20F01	GATGAGTGGGAAAGCCGTAGC	TAATTGCACCATATCCTCACA	216	58	D
DR010005A20F07	CGCCATTCCGTTTCATCTGTG	GGCCTGTCCCGCTGGTG	228	58	M
DR010005A20G01	CCTTGGCTTCTGGGTCTCA	TCTGGGTGTCTGGAAAATAGCA	304	58	M
DR010005A20G06	TGGGTGTCTCAGTCAGTTAGG	GAATGGGGAGGGGCAGAGG	141	58	D

DR010005A20G10	AGGTGGGGGTAGACAGTGGTTGC	TGTATTAATGGTATGTCTGCGAAGTT	163	58	RH
DR010005A20H03	GTGACCACTTTTATATCCCAACTCTA	GCATCTAAGCCACCATAACACAT	184	58	RH
DR010005A20H08	TAAGTAAGTCGGGACAAGTGAGCAG	GGGAAACGGAGTATAAATCTTGAGT	210	58	D
DR010005B10A04	TTGGGGAAAGAAAGAAGAGC	GATGGCGGGGGCAGAGA	203	58	D
DR010005B10B03	CCGCTCGAATTCATTGTGTTGG	TTGATAAAATTTGCCTGTTCTA	278	58	F
DR010005B10B04	TGTGCTGTTGTAGGGTGAAGAATC	GATCTATTGACGGAAGCAACCATTT	397	58	M
DR010005B10C02	GCATGGCTACAGTAAGGGGAAGGTC	GAACAGAACGGGGAGAGGAGCAT	381	58	D
DR010005B10C05	ATGTAAGAAATGTGAGAAAAC	CCTGACATGGGGCTTGAACG	180	52	D
DR010005B10C07	CTGAGGAAGGGCGTAAAAAGTT	CAAGGCCTAGGACACCACGAAAAA	332	58	RH
DR010005B10C11	AAGGCAAATAGAAGCAAACAGAAAAG	TGAGGGAGACACAGAGCAGACG	387	58	RH
DR010005B10C12	TCCCCAGACGTGTAGATGC	GGTTTCCGTGAGTTTGGTAA	361	58	M
DR010005B10D01	AAGCCAGGGTGTAGATTTTCAG	TGGCCTTCATGGGACTCA	528	58	M
DR010005B10D05	CTCCGGAGCTCTAGTTACAAG	GAAGCATCGAAGGCGTCAAATA	344	58	M
DR010005B10D09	AAACCTGTCCTGCCACCTCCTTCCTC	GCTCCACAACGCAGTACAACCACAT	252	62	RH
DR010005B10D11	AGCCCCAGAAAGAGCCCATCA	TATCATTCTAGCCCTTTCTCTG	410	58	F
DR010005B10D12	CAGGGGAGTGTATGGTGTAG	AGCCCTCCTCAATGTCC	166	58	D
DR010005B10F04	GCTGAGTCTTGATGCGGTTGTGT	CCATTTGGCACCCACACGCTCA	398	58	D
DR010005B10G01	GCTTGCTGGGTGCCTCTTG	CCTGCGGTTTGGACTGG	243	62	F
DR010005B10G08	ACAGGATTGTCTTGAGAGGTGG	CTCTATCCTCAGAAGTGCCTTGG	192	58	M
DR010005B10G08	CCGGGTTTGAGGGGGTATGG	TGCAATTCAACAGCGGTAGA	317	58	M
DR010005B10H04	CCAGACATAATATAGGTAGTAAGT	AATAATGGGAGAACAATGTGAGGTAA	191	55	M
DR010005B10H05	CTTGGGCCTCTAGCTCTTGTTCA	CTCCCTGTCATGTCTACCCTCCTC	222	58	D
DR010005B10H06	CCAGCCGACCGTTCATACA	TTCCAAAACTAAGGCCTAATCTCT	180	58	M
DR010005B10H07	AAATTTTGTCTTGCTTCTT	ACAACGGGTTTCAAATAATACAG	135	52	D
DR010005B20A04	GTCACAGCCACACTCAGAAT	TGCTCAATATCCTCCTTAAATGTGGT	77	52	D
DR010005B20A09	TTTGAGCATTTTTCCCCCTGTG	AATTCTGACTTCTCTATGTATGG	149	55	D
DR010005B20B09	ATACAAAAACCTAAATTACCAACTA	TGTCTTCTACCACTTATGTCCTT	126	52	D
DR010005B20B11	ATGGGTTGTATACGGAGGATTTTC	CCTTCTTGAGTGTGTTTGGTATTTTA	177	58	RH
DR010005B20C07	TGTGCTGCATTCCGTAAGATA	TAAAGCTAAAATGAAAACGT	168	52	D
DR010005B20C11	CTCTGGCCCCCTACCCCTTCT	AGCTCAGCCTTCTCCAACCTCC	120	58	D
DR010005B20D01	TGTGTTGGGGTCTTCTTG	TACTTTTCTATAACCTTCAGC	154	58	F
DR010005B20D05	AATATCTTTCGGTTAGTTTTT	TTGGGCTGCTCTTGGTT	414	55	M

DR010005B20D10	GTGAATTTGGAGCATAACTG	CCTCGACAACGCTCACATCAA	155	52	D
DR010005B20D12	TGTCATTTAACTGGTTCCCTATCT	TTGTCAAAAAGTTAATCGGAATCTA	88	52	D
DR010005B20E03	TGGGGAAGTGC GAATCAAG	GTCAGAGCGAGGGCGAAGTG	161	58	F
DR010005B20F05	GCGCTTTTGATGGCTCCTGAT	GGTCTGCCATGGCTTACTTATTA	313	58	M
DR010005B20F06	GGCCGCACGCATTTGTTATTTG	CCTAGTCATTATGCTTTTATTTT	424	52	D
DR010005B20F08	TGGGCTTAGGAGTTCAATCAC	TAGCACTTATAACAAATGGTA	179	52	D
DR010005B20F09	TTGGAGCAGACTGAAAAGGAA	ATAAATGAAATGTGAATGAAAAGTGT	101	52	D
DR010005B20F10	AGACCCACCAAACCTCACC	TTAATATGCTTCAAACACAAAT	231	58	F
DR010005B20G08	GAGCTTCATCACTTTGTATCCAG	AGTATCAGCTCCCAACCCCTCCTC	136	58	M
DR010005B20G10	TTTAAAAGCAGCCATATCAGAATC	GTGGGGAGGTTGTTGTTGGTG	112	58	D
DR010005B20H04	CTTGAGAGGTGGGGTTAT	AAAATGATGCACTGCGAGAAGAC	105	52	D
DR010005B20H10	ACTTGAAATTACGGTGTCT	GCCTTTTGCTCTCCAG	156	58	F
DR010005B20H11	AAATACTAGTGCTTCATACCTCAGA	AGCATACCAGCCCTTACCATAC	246	58	M
DR010005B20H12	AAGGAGATGGAATGCCTGAAAGTG	AACCTTGCTGAGTTTGCTTATGC	327	58	F
DR010006A10A08	TGCTTAGGAGGGGAGTCAGGAA	TAGCGTGTGGGAGGGAGTCAGAAG	190	58	M
DR010006A10B09	CAATGTGGGGCTCAAACCTCG	GGCTTAATCCAGGGAACAGAAT	184	58	D
DR010006A10C01	GGGGGAAAGGGAAGGGCTGAA	CTTTTTGTTTTGTCTGTAGGAG	195	58	M
DR010006A10E01	GCAATGGGTGTTTGCTCTGGACT	GTCAAGCACTGTGTAGAGAAGGG	242	58	M
DR010006A10E05	GGATGCTACTTCACCTAGTCCTTG	TCGGTGCTTGTTGTACTACTCTGG	114	58	RH
DR010006A10E12	TGGGAGGGGCAGTTGTAGT	TGTTTGTATAGATTTTAGGCAGTTAG	302	55	M
DR010006A10F04	GCCCGCACCCCTTCCTCAGC	CGTGGGGCAAAGCGGTGGTG	417	62	D
DR010006A10F05	AGAGATCTGCAGGCTTTTT	ACTACAGTGGCAGAGGTGAA	103	52	D
DR010006A10F06	CAGACTCAACTGAACAGCCACGG	ACCCAGGCACCTGGAAATAGCTG	205	58	M
DR010006A10F07	ATGGGTCCTATTGAAAGTTG	TGAATTGAAGCATATGAAAAGAA	149	58	F
DR010006A10F09	CGGTGAAAATCGGCAATAC	AGAATAACTGGGAAATGAGGT	187	55	M
DR010006A10F10	AAACGGCGGAATCAGTAGAGCAAG	CCTTGAAGGGTATCGAGTTGTCCG	126	58	F
DR010006A10F12	ACTGGTGAGAGTCGGAAAAGACC	ATCATCCGAGGTCTCTGAGCTGG	135	58	F
DR010006A20A02	GAGCCTTCCCGAGAGTGAGAGT	CGCGCAGGATAAAAACAGAAGG	191	58	D
DR010006A20A04	CAACGTGGATACATGAGCAAGATTT	TAACGGCCCATGACCCCAAGTG	197	58	F
DR010006A20A07	TCGACAGGAAAATGAAATC	CCTCGCAGCTCCTCCAC	243	55	RH
DR010006A20A09	CCTGTCCCCTTACTCTTGAACCTTA	GACACAGATCGAGAGGGCAGAGAA	342	58	M
DR010006A20B03	AGAGAAAATTATGGAGGGACAA	CTCAGGATAACATTCACAGGTA	192	55	M

DR010006A20B08	GTGGTGTCAATATGGGGTTTTT	ACTTTTTCTGCACTTACTTTATTAGA	163	55	M
DR010006A20B09	TGTTTTAGAGATAGAAGTCGTGGATA	ATGGCAAAATTGGTAACAGAAA	269	58	M
DR010006A20B10	CACAAGTACCCTCACGACAGAAC	GACGCTCTGCACCAACACAGCA	368	58	F
DR010006A20D01	GCTCGAATTCCATGTGTTGGGTAC	TTCTAGGTCCCTCCATGTTGTTGC	279	58	F
DR010006A20D04	CTTCATATTACAGTTAGAACATTGTAC	ACCAGTCCCAAACATAGAGCCAAG	256	58	D
DR010006A20D11	AGCAGCAGCCATTTTCCTCTAT	TTGCTATGTAAAATCCCTCTGTT	317	55	D
DR010006A20D12	CTGGGCCTCGTTGCTCACCT	TGCTGCCTCGAAACCCATAGATT	153	58	D
DR010006A20E02	GTCACCGAGCACCCAAATAGG	TCAGGACACCCACCCGACAGAC	371	58	M
DR010006A20E12	GGGGCCGCACGCATTTTT	CTGATCCACACCCTCGCCTCTG	455	62	D
DR010006A20F07	AAGGGGAAGGGATGGTTA	CCGCAGGGTTTCACAGC	361	58	D
DR010006A20G02	AGAGGCTTGCAGGATGAGT	CTACAATGACAAAGAGGGTTATGAG	256	58	F
DR010006A20G08	TCGAGGTGACCGGCCAGGAGAC	GGGGAGAGCCAGGATTACAAC	390	62	M
DR010006A20G11	GTTCTTTACAGTCCATCTCATTTT	AAGCCTATTCCAGTTGTTTCAGT	316	55	D
DR010006A20H01	CGGAAGGTTTGTGACGGTTAGTG	ACCGCACATACAAACCACCCAAG	226	58	D
DR010006A20H02	CAGTTAGGGCTTTGTAGATAGT	GAAGTGCTGGATAACCTCAT	162	52	D
DR010006A20H05	AATTGTAATGTTTCCCTTTGT	CATGATGCTCTATTCTGTGA	208	52	D
DR010006A20H07	GTCAGTGGCTCTTGGACCAGAAG	CCACATTCTGAATGTGTCTTCCTAC	489	58	D
DR010006A20H08	GAACATTGATAGCAGCCCTCTTT	CATGCTTCCCTTCTTTGTCTAT	310	55	D
DR010006A20H09	CGAGTCCCCGTAATGGTA	GAGGCCGTGCTGGTCCGTAGG	321	58	M
DR010006A20H10	AAACCTTTCCTGCTTCCTCCTT	ATTTGATCATGCCTGGTACTGG	474	58	F
DR010006A20H12	GGGCGGAGTCTGGGAAGTAGTT	AGCCACAGCCACACCAGAGG	134	58	M
DR010006B10A01	CTCCTGATGGAAGTTCTGTGCC	GCTGCTCTTGTAATGCCCTCTC	342	58	F
DR010006B10A07	TTGAAAGCATAAAAAGTGAAGAT	CAGAACCATATAGGACAGATTGAGTA	202	58	F
DR010006B10A09	GAGTTGAATGGATCGCAGCAGT	CCCAGGGGAGGTGAACAGAGG	390	62	D
DR010006B10A10	GAAGCTCCTCACCAAAGTCCT	CAACGTGGTCTGCTGAAAATAA	328	58	D
DR010006B10A12	TGGTGATTTTGGGCAGAGAA	TGTACCCCTTAGCAACCATCA	378	58	M
DR010006B10B03	AAGCTGGTGGTGTGTCTACTCTC	AGCGGCCTTCCATCAGC	302	58	F
DR010006B10B09	TTTAAACCAGCCAACAACAGG	TTAAGGGGAAACAGAAAGAATAGTC	210	55	M
DR010006B10B10	CTCCCTCACAATCCCCTTCC	GATGATATTAGCTTCCGTCTGTGA	191	58	F
DR010006B10C08	AGTTGCTGGCAGGGTGGAGT	CAGGGTGCAGGGCTTATCT	313	58	F
DR010006B10C09	GGCCAAGGAAGGAATTTTACAACCTC	CAACACAATGGCTCGGTCCTTCTG	136	58	D
DR010006B10C10	TTCCATGTGTTGGGAGCGCAGAG	CACCCTCAATTCTAGCTTCTGCAC	1073	58	F

DR010006B10D03	AGTATCTCCTTGTATTGTGCTGTGT	GCGTGC GCGGTCTCTCGTA	353	58	F
DR010006B10D07	TTTTGCCTTCTACAGAGCCATTTT	TGCCCTTAGACACCATTATTTTAT	201	55	RH
DR010006B10D08	GAAGGTTTGGCGGGTCTCTGAT	TATATGTTTCTGCCTTGTGTTCTTA	236	58	D
DR010006B10D09	TCTGTGACTCAGGTACTCAGCAG	TCAAGACACCTCACACCAGCAGA	264	58	D
DR010006B10E03	ATTATACATACATTACCACCACTACAG	CATGCCTCTTATTTCCCTTTCTTTATC	170	58	F
DR010006B10E04	GCGCTTGATGTGGAATGTAGATGAA	TTTTTAGTATTTTATTATGGCACAC	494	52	D
DR010006B10E05	TGGGCAACGATACAGCAAGAGTG	GTAGCAAACAGCCATAATCCCAGAAA	285	58	M
DR010006B10E09	CTCCATTCTAGGGCAACC	AAAAATAGGAGAAAAAGAGGAC	156	58	F
DR010006B10E11	CACGGTGCCTGGGAGAAC	CAAAGTATGGAAAATTAGTGTATC	378	58	RH
DR010006B10E12	GCTGCTTCTGGCTCTCGTC	TGTTGTAGGCCTTTCAGTCAT	201	58	F
DR010006B10F02	CCAGCATATCCACATTAGTCACAACC	TGGGCCCAGTAGCACAGA	248	58	M
DR010006B10F04	GCATTGCCCTTTTCATICTCC	GGGGCCCCGTTCTCCAGTCT	116	58	D
DR010006B10F05	CTCTCCCCTGTCCCTCTGCTC	TTATTGATTTTCTTATGGGCTTCTGG	305	58	D
DR010006B10F07	GGGAGCAGTTTTGAAGATTACG	TAGAAGACAGGGGTGATAGGATAGTT	188	58	M
DR010006B10G04	GGGCTCTTTTGGTCTCTTCA	ACCAGCTGCGTCTCCTACTT	208	58	M
DR010006B10G05	CAGGAGCAGACATTGGGAAGAT	ATTGGGGTGTAGTGAAAAGAGCAT	312	58	D
DR010006B10G11	ACCGGGTGGCTGAACAAG	CCCCCGCTCCACCCAAACA	359	58	RH
DR010006B10H02	GGTGC GGGACTTTTCGTTCTT	GCTTTATTGGTGGCAGTTAGTATTA	423	58	M
DR010006B10H09	GGAGGCTTATGTATTCAACCAA	GAAACTATCAAACAACTCCCTCTT	255	55	RH
DR010006B10H12	ATGGGGATTCTTGATGG	GGCTGCTTCTCCCTCTGC	238	58	F
DR010006B20A04	CCAGCCCCAGATTTCCTCAG	CTCATCCCCGCTCCTACCCAACC	326	62	M
DR010006B20A06	AAAACATGGGAGGGGAAGA	TTAATTGTTTTGTGGCTGTTTT	267	55	M
DR010006B20C03	ACCAGCCCTTTTACCTTGTCGGT	CTACACAGTGGAACGAAGCCGT	560	58	M
DR010006B20C03	CTTCATACCCTCATCCCCCTCCTG	CGCCATCACGAACCAAAACAATT	401	58	RH
DR010006B20C12	AGCCACCCAGGGATCCCAACTAAG	ATAAAGCAAAAAGAAACAATAAACT	179	58	F
DR010006B20D12	GATTTTGGCTCAGGTCAT	AGTCTTTGGGTTTCTCTTTAC	284	55	D
DR010006B20E08	ATCTTAGAGTTCATTTTATTTAGTT	TATGCCTTCAAGCTGTCCTGTAG	162	55	D
DR010006B20F04	TCCCAGTACAATTGCGAGTCT	CTGTTTGAATAGTGAAGGTGTCT	440	58	D
DR010006B20F07	ACCGCCCCCTTATGTGTCTG	CGAATTGCGGGGAGGTTT	312	58	M
DR010006B20F12	AGGCAACAACAAAAGTAAAT	CTGTATGACTAACGTGGGGCTTGAG	232	58	M
DR010006B20G02	TCCATTTCCATAGATCTTAGGGTTTA	CGGGTGGCTTAGTTCGTGGAG	201	55	M
DR010006B20G08	TAGAATTTCTTAGTGTGAGTC	ATGCAGAAAATGAACCAG	334	58	F

DR010006B20H07	TGGGCGGGTGTTCACTGTAAAT	GAAGACCCATGGAACCGAAACC	158	58	D
DR010006B20H08	AACTGCTGAAGCGTCTCCAT	GCCGCGGCTCATCTCCTCAG	297	62	D
DR010007A10A03	GCGACTGTGGGAAGAACTAAATAAGG	CCCGCAGCTCCCCGCACAG	128	58	F
DR010007A10A12	GAACAAGGAAGCCAAGGAGA	TAAAGGGAAGCAGCACCCT	231	55	D
DR010007A10B03	CTTGTTTCTTCAGGGCTTAG	TCAATAGGGAGGCACACG	293	58	M
DR010007A10B06	CAGTTATTTTTACATTGGCATTATTG	TCAGTGGTGGTTCCTTTCTTC	311	52	D
DR010007A10B10	CATTCAGGAGTCAACCCTCTTGC	CTATGCCTACACAGGAAGTGACAG	204	58	RH
DR010007A10C03	ATTGAGGTCCACCAAGCGGCATC	CCAAAGGGAAAAACAGTGACTTC	654	58	D
DR010007A10C06	CCATCAGCTTCAGCCAAGTGTAG	CTCTGCACCTTCTCTCAGTCC	197	58	D
DR010007A10C07	ATGCCGTGATTTTATATTGGTGTG	CATTCCCTTAGTGATTTAGATTATTG	337	58	F
DR010007A10C09	GGGGCTACTGAGAAGACCGTTTAT	TTTAGTGGCATTCTCTTCTCATTTT	200	58	M
DR010007A10C10	TGTATTCTAGCCCAGCAAAGTTA	CCCATATCTCCCCTCTCAAATC	183	58	M
DR010007A10D01	CCTCGCCTGGACGCTCTGT	AGGGGCCTGTGGGTTTGTGT	299	62	D
DR010007A10D09	AACTTTCCTTTCTTCTGTCTACTTCT	TTTTACTATGACTTTTCCCTGTTAC	317	55	D
DR010007A10D10	ACCCCGAAGCTTCCGTTGTG	GTCATGGTTTCTCGTGTGCTAATAA	132	58	D
DR010007A10D11	AGTCTCTCCCAAGGTTGTCCTG	GAGAACTGTGCCAGGTGATGCA	423	58	D
DR010007A10E10	CCAAGACCAAGCCAACCAGAGA	TTACAACCCCAAGATCAAGAGTCACA	282	58	D
DR010007A10F01	GGCGCACGCATTTGTTTTT	AGTAAGGCCTAGGAATCACCAT	337	58	F
DR010007A10F08	AATGTACCCCTCAAAGAAGAAAGAT	GTCAAGATACCAGAACATAAAATAAAA	209	55	D
DR010007A10H01	GGGGTGGGAATTGGGACAG	AGGAATAAGGACACATGGAAAATAA	414	55	RH
DR010007A10H02	AGGCCCGCGCTTCTCGT	GCAATGGCCATCCCCTCTT	171	58	D
DR010007A10H11	ACCTGGTCCTGTTATTCACCTTAC	CACCCACCATATCACCTTAC	325	55	M
DR010007A20A07	TGTGCAGCTGAAAGAAGACT	TTGGGAAGAGGTTTTAGAATA	183	52	D
DR010007A20A08	TAAAGTTGGCGGGGGTAG	CAGTAGGTGAGTTTTATTTTTC	104	52	D
DR010007A20A09	CCAAATTCGGCTCCACGGTCATA	TGGTAAGCAGAGGTCTCACGCTC	112	58	D
DR010007A20B11	TGGGCCGGACAGAAATAGAGACTTGA	AGAGCCGGCGCCCATACAGC	207	58	D
DR010007A20C05	GAATAAAAAGCGAGTCATAAAT	ACTAACACAATAAAAATACAGAACAT	226	52	D
DR010007A20C08	TGGCTTAGTCAGGCACATTTAT	AGCCCCGACTTTCTCTGATTC	359	58	M
DR010007A20D06	ATAAATAGGTGAAAGGCAGGTA	TTTTTCCAGTTTTATTGAGCA	267	52	D
DR010007A20E01	GTTCTCCGCTAGCACTGACTTTACC	GTTGGATCGCTACTTCTTACCTCACA	216	58	D
DR010007A20E07	AAGAGGGGAGCTGGTTTTT	CACTTATGCTTGATTTAGGAA	206	55	M
DR010007A20E10	CTTGAGGGGGAGGAGCAGAGA	GTAGGACAAGGGATTTATTTATTAGC	381	58	M

DR010007A20F01	CTACCACAGGATCCAGCAGTTC	GTGAGATCGTATGGTATTTGTGTTTC	331	58	D
DR010007A20F05	TCTCTGCCATGTAATCCTT	ACGAAATATCCCAAACCCAGAAA	275	58	F
DR010007A20G01	TTGGGAGATAATAAAACCTAAC	TAAGAAAATAAAAAGAAAACAT	297	58	F
DR010007A20G05	CAGGGATATAGGTTTGAG	ATATTTGATTCCATGCTTCTGTGAC	255	52	F
DR010007A20G06	AGGGTGGCTAATAGATGAAAAA	CCCTTGCCCCCAGCCAGTT	306	58	M
DR010007A20G08	ACTTGCTATTATGTTCTCCCTTTTT	GGTTGCCTCATATCCCTGTTC	292	58	RH
DR010007A20G11	GTGCCACGCTATAAGGAAAACAG	TGCCCAGAATCTAGCCAGTCA	204	58	M
DR010007A20H09	GCTGAGCTGCTGTTGTGTC	ATGAGCAGGGGAGGAGCAG	232	58	D
DR010007A20H11	AATATTTGGAGGTGAGTCTGCTAA	TTCCTTCTCCCAACGAGT	218	55	M
DR010007B10A08	TCCATTGGTTGGGGCAGGATTTAG	TTGGAGGGCTCAGGAAACTGGC	390	58	M
DR010007B10B04	AGCATCGGTGTTGTAATCTCAGGG	CCAAATAATCCAATTCACTAAAGGAC	189	58	M
DR010007B10C02	GAGGGAAAAGATATGCTCAGGTGA	CCAAAGTTTTCCCTTTTCTGGCGC	485	58	D
DR010007B10E07	GAGAGACGGTGATGGAAACTAAGC	ACGTTTGTGCGAGAGCTTTCCTG	408	58	F
DR010007B10E09	TATCTTTTCAGCATTCAAATAGGTCC	GGATAGAGAAGGTTTAGGCAGGG	164	58	M
DR010007B10F04	CTCTGGCATCAAGCAAGTTCCAAC	TGCCAGTAGAAAGGATGAAACCAG	418	58	M
DR010007B10F08	TGACATCACAGGAACCAGCAAGC	CTGCTCATCCTATTAGCCCTTCC	105	58	D
DR010007B10F12	GCGATTTTGTGGGACACAGTCAT	TGAACCTTTGCCTTGCTCTGGTC	400	58	D
DR010007B10H01	CATCATCTGTGGACCCTACCTCA	TTGAAGAGCCTTTGTCCAACCACT	666	58	RH
DR010007B10H12	AGACAGAGGGAGGTGGCATCTAG	GCTGATTGACTGCTCTCACAGATG	222	58	D
DR010007B20A04	CGAAGTCTTCCTCTCTGGGAGAT	TCCTTAGGAGACTCCAGCACTTG	174	58	D
DR010007B20A09	TCCTCTCCTACAGCACAAATCGGA	CGGTCAAGTCTTACTGAAGGCAG	220	58	D
DR010007B20B11	GGAACACATCCAGGCTCATCCTT	GAACCAATGCAGTAATTCCTGACC	239	58	D
DR010007B20D01	GCTGGTAGCATTTAAGCAAGGAGC	GAATGATCCCGAAGTTTGGAACC	362	58	RH
DR010007B20D08	GGTTTTGGACACCTGGTAGTCAG	GCTCAAGACAACTTACCTAACTTC	290	58	M
DR010007B20E04	AGCTGAGCTACACAGGGACTTTTA	CCCAGGTGCTAACTGTA ACTCTAC	392	58	M
DR010007B20E09	CTACTTAGCGTGGTGGATAGTACC	CACAGCAAAGTGCAGGAGCGAAT	386	58	M
DR010007B20G08	CAGGCAGATGTTAAATGGAACCAC	CTCTTCTACTATGCCTAATCCACC	110	58	M
DR010008A11D07	GAGAAGTGACCAAAGTAGGCAGG	TCTTCCTGTCTCCCTGAAAGCAG	248	58	D
DR010008A11E03	CATGTCCGCACAGCTTTCTGAAC	CCAGCACTGTGCCATGTTCTGAC	476	58	M
DR010008A11E11	GGGCTGGAATAAAAGGAAGGGAG	TGCTTGTGTAGCCTGAGTGGGAT	507	58	M
DR010008A11F05	AGTAGTGCTGTGGTGGGCAGAAG	GTCACAACAGACAGGTTCCCTGC	252	58	D
DR010008A11G01	GCTGCTTCTGTACTCTCGCCTG	ATAGGTGCTTCTTAGACTACTGGAA	210	58	D

DR010008A11G11	AGACACTCCGCCGTTGAGAACC	GAGAGGAAACTGAAGCTGCCAGA	150	58	D
DR010008A11G12	CTGCATAGTAATAGGATAAAATGTCC	TGGATTCTGAGATACTCTAAGGTAC	335	58	M
DR010008A20A09	GGCTGAGAATACAAGGTGCTGTG	GATGATGTGACAGTCCGAGTCTC	450	58	D
DR010008A20E01	CCTGTGCTCATTCTAAGTGTGC	GCTTCATACATCAAAGGAGTTCTAG	415	58	D
DR010008A20H12	CTCCTGATGGAAAAGTTCTGTGCC	CCATGAGCATCCATTTCGGGTACC	494	58	F
DR010008B10A06	TTAAAACGCTGGCACTGTTGAAGTA	TGTCCTGTGAGGTGCCACTGCA	194	58	D
DR010008B10A08	GGAACTCTTACCAGTGCCCACAA	CTGACTGTGTTCTGGTAGCATGG	661	58	M
DR010008B10A09	GACAATAGGACGGTGAAGTGAAGG	ATCGTAGTGAGCGTCTGGAAAGG	206	58	D
DR010008B10B11	TCTTCACATGGGTAAGGGAGAGC	CCGCAGGACATTTCTGAGTTCAC	144	58	RH
DR010008B10C03	TACGCTTGGGCTGCTTCAGTGTG	CCGAGAGTTAGTTCTCCACAAAGG	257	58	M
DR010008B10D05	TCACCCTACCATCATGCTATCCC	ACTGAGCCCTCACCACAGATTCT	213	58	F
DR010008B10E03	GGTTTATCACCTTGCACTGGCAAC	TGTGCTAAGCACTTTGCCGTGTC	232	58	M
DR010008B10E04	TGCTTACCTTGGGATGACACCAG	TGGAATCCAGGACTGTCTCATGC	252	58	M
DR010008B10E12	CAGGAGTCGCAGGTTTATTGAGG	CTGCATTCTGGAATGTCTAAGGAG	461	58	D
DR010008B10G06	GCTTAACGACACTGAACCGTATGC	TGCCCTGTGCTTGGTGTTCACG	257	58	D
DR010008B20C11	TAAGGTGCCATGAGGAGAGACAG	CTCTGCTCTCACCTCATAGGTCC	291	58	F
DR010008B20G10	CTTGTGCGAACTTAGTAGCCACC	CTACTGGTGTTCAGCTCCTTCTC	418	58	D
DR010008B20G12	TTAAAGAGGCGAACGCAGCATGG	GATCAGCTCTAACAGATTCTTGGA	264	58	D
DR010008B20H11	TCAGCCAAGGATGGCTTTGTGTAG	ACGTCTGGATCTCCAAGTAAACC	363	58	M
DR010009A10A02	CTGATTCCAAAATTCTGACTGAGCC	TTGCTAACTTCATACCAGACTCC	267	58	D
DR010009A10A09	GGTCTGCTTTCAGGCCAAAACACAG	TTTGGACAAGATTTCATAAAACCACCT	364	58	M
DR010009A10A12	CTTGGTAGGTATAGTATCCACTAAC	GGAAAGGTCATTAGTTATCTGCTAC	234	58	M
DR010009A10B12	GCACCTCAGCAAAACCATTTGGAG	GTCTGAGTGGATGGATGGCATAG	332	58	M
DR010009A10D02	AGAACTCTGGAGACTTGGGTGCT	GGTACTCTATGCAGGTTTGGAGG	315	58	D
DR010009A10E09	GCATGCTGAGTAAGAGCACCTAC	CCTAGCTTACCAGGAAGTCTGTG	148	58	M
DR010009A10F06	GTCCTTATGGATTGAGTGGGAACC	TGGTAGGCAGAACAGCAAAGGAC	202	58	D
DR010009A10G01	CCTATGAGGGCTGTTAGATACAAG	AGCGAAAGAGTTCTAAGGTTAGTAC	382	58	M
DR010009A10H04	TCTGCCTGCCACAGGGACGAC	GACAACGATGCTGCACTTCACAAG	329	58	F
DR010009A20A10	ACCTGAGGCATTTCAGAACTGTTT	GGCTCAGTATTGGAAAGACAGGTC	153	58	M
DR010009A20D03	GTCTGAATGGTCTCTTCTATTGG	GAAAGAGGAAGGGTGTGTGTTAAG	305	58	M
DR010009A20E07	TGCCTTTTGAACCTCATTGCTACC	AAACAAGCCAGAAAGACTTCATTCC	145	58	M
DR010009A20F01	GTAGCAGGAATGGGATACAGGCA	CATCTATGGTCCCATCACAAATGC	229	58	RH

DR010009A20F02	GAAGAAAGGTGGTGGAGGACAAG	TTGAGCATCCTGGTCTAGTCTCC	166	58	D
DR010009A20F07	CCAGTTAAGAAATGAGCAGAAGACG	CCCTGTATGCAACTGCTGGATTG	241	58	RH
DR010009A20F09	TCCATTGGTTGGGGAGACACTCG	TCTCAACCCTGACCAGAGGCAAG	285	58	D
DR010009A20H02	GAGAACAGATGGCTAGCAGCTGG	CACAACCTCTAGTTAATATCCATCCAC	206	58	RH
DR010009B10A01	GTAAACCTGGGTGCTGCTACAGT	CATGTCTGTGAATAGTGTCTGATG	442	58	D
DR010009B10A03	TGAACACGGCAAAGTAATCAGCAC	GGTGGCTCAGATGGTTAAGGGTC	298	58	D
DR010009B10B06	GTCATTAAGCGATGGTGGCTATATC	GAAAAGGCAAGAAGCCCGAATGG	226	58	F
DR010009B10B08	ACCTGTCACCACGCAGACCGTT	CACCTCTGCCAGGCAAACGGTT	140	58	M
DR010009B10C09	GTTAGGTCACTGAAATGCCCAGG	TACCAGAGACAGGGAAGCAATCAG	663	58	D
DR010009B10D02	CGAATTCATTGGTTGGGCATCC	ACATGGACTATGCACAGGAGAATC	512	58	F
DR010009B10E02	GAAAAGGAGTCAAGAACAATTCACAG	TCACAGCATCTGGCTAGGACACC	181	58	M
DR010009B10E07	TGTCTGCTCTGATTGGAAAGGCG	CCATCACTCAACTGCTGAAGGAG	281	58	D
DR010009B10E09	GCCTAACCAATCCTCACCACAAG	CCACAGTATAACCATCAAATTTGGG	214	58	F
DR010009B10F03	GAGAATCAGAGGAGCCACCTTCA	GGAACCCAATTCCTAAGCAGAGC	431	58	M
DR010009B10F06	CTCGAATCATTGTTTGGGTCCAAC	CAAGTCCTTCGTCAGGTGTTAGG	447	58	F
DR010009B10G08	ATCATTGGGCCACTGTAGATGGG	GAATTACTACCGTAACTGTTTCATGG	219	58	F
DR010009B10G12	GGCTGCTGATACCTACCTCATGG	GGACCTGAAAAGGTTGCCCTAAC	217	58	M
DR010009B20A09	CGACTCTTAGGCGCTCCTGTTAC	CGATTCCTTCCAGGCACCAAAGA	344	58	F
DR010009B20B02	CAGAGTGATGACGGGCATCCTTA	CTCTCAACTCCAGCCACATCCTG	338	58	D
DR010009B20B05	CAGAAGCAGCATCTGGGAAAGGC	CCTCGACACAGATAACGTGGAGC	188	58	RH
DR010009B20B08	GGTATATTTTACCTTCAACGCAGTTG	TGTGCTCTACACCTGTCCAGACC	499	58	M
DR010009B20B10	GTGATGTCAGTGTTGAGCGTAGC	TTTAGCTCAGGGCACTCTCAACC	406	58	D
DR010009B20D06	GTGTGAAAGTGCCGAGTTTGGGA	CTGGTGTTCCCTCAGCTTGCTCAA	161	58	M
DR010009B20D09	TGGCAAAGCAGTCTGGTCAGACT	GCCAGACACACTGTAGAGCTTGC	319	58	M
DR010009B20E10	CGTATGTTTCGCTGTGGACCAGAG	GAAGCCAACTCTTTCTCCGAACC	260	58	M
DR010009B20F09	CATGACGTTTGTAAGACTCAATCTG	GCTACCATTTACTGAACACTTACAAT	145	58	RH
DR010009B20G10	TGAGAGTTGCAGCTCAGAAAACAG	CCTTCAGGCAAAGTCCACAACC	165	58	F
DR010010A10A12	ACTAAAACACAGTAACCAGTAGGATT	GAATGACCACCATTCTTCAACGG	303	58	M
DR010010A10B04	TTGCTTACCAACAAGTACAAAGGAG	ATAACAGGGCATCACCACCATACA	301	58	D
DR010010A10C11	AGAGTCAGATGTTCAAGGAGTTGG	CCCAAGGTTACATCACTGATGTG	338	58	M
DR010010A10D10	TGATTGCCTGGGCTGTTTCGCAT	GATAGGTGGTCTTTGCAGTGAAGG	276	58	F
DR010010A10E02	GCTTTGAGTGGATGATACGAATGTG	TAGCTATAAAACCCAGTATCACTGAC	159	58	RH

DR010010A10F07	GCAAGACGAGGTCTCCCAATAGG	GGTGAATTCCTATTTGCTTTGTCAG	336	58	D
DR010010A10F08	AAATCCGACGCACACGGTGGAAG	CGTGCAGATCATCTAAATACCGC	148	58	RH
DR010010A10G04	TTGTTACACCGTTCCTGCTGT	AACCAAAGGTGGTGAGTGGAGGT	367	58	D
DR010010A10H08	ACAGCATCAGGAACCTATGGGAC	GGAGCTTTGAGAGCCCTTATTTTCG	124	58	F
DR010010A10H10	AGGTGACCTGAAGAGACAGTGTC	AGGTCCTCTCTTTAGCAGATGCC	197	58	RH
DR010010A20B01	AGTGGACCTGAGCAGACACCAAG	GACCTTGTGCAAGGTCCCAAATG	224	58	D
DR010010A20C04	CCTCTGGAAACTCCATTGAACAC	TGAGGAAACAATTCAATCAATGAATG	352	58	M
DR010010A20E01	CCTTAGTCTGGATAAACCTCGCC	TACATTGGAGCCTGAGGCAAAGG	128	58	RH
DR010010A20E02	GACCGTTTGCTTTGGATGTTGTAC	GGTATTTGTCACCTCTCTTACACC	312	58	RH
DR010010A20F04	CTCTACTCAAGCACCTTAGGACC	AGTGGTGATGGTCACACAACCTC	448	58	M
DR010010A20G05	CAGTGGATGTTATTGGTAGTAAGTC	TACCTGTGTTTCTTCTATTACTACTC	146	58	RH
DR010010A20H08	ATTGTTTGGGCGAAGGGAGGTGA	AGTTCTTGGCACTGAAGTAGTAGTG	418	58	D
DR010010B10A06	ATTCAGCCTCCTGTGGCAGATGT	TCTTCAAATGACAACCTGATTAACACTC	136	58	M
DR010010B10A07	GTACACGTCGAAAACAGATGACCG	AAGGCTTCCCTTTGTGCCCAATC	141	58	F
DR010010B10B02	TGAGCAGGAACTGAAGGTGGCTG	TCACCACTGCCTCCTCTCCATTC	108	58	RH
DR010010B10D05	GTAGGTGGTCTACCTCTAGTTGC	CCTGAAACCATGACATCGACGGA	418	58	M
DR010010B20B02	GCATAGGAAGCACTGTCAGTGGT	CCCTTCTTTGGTGACCCAGCATG	196	58	M
DR010010B20B05	GGTGGTCTCTAATGGAGGCTTCC	GGCTAATAGACCAAGAGCTCCAG	239	58	M
DR010010B20C02	TCCCACTGACATTCCACCAGCT	CAAGCAGACCAATGACAGTGAGC	102	58	D
DR010010B20E05	GCAAGACTTTGGGAAGACTGACC	TTTCCACTCCTGCAGCCTCAGTT	146	58	M
DR010010B20E08	TGTGACAGTGTGGTAAGCAGCGC	GGAGCTGATGCAGTGGCAGTTAG	295	58	M
DR010010B20E11	TGCACAAGGGTACTGCCACTAAG	TGACCTTCAACGCCTCCACAGTA	346	58	M
DR010010B20G06	TGGCTGAATGCAAAGAGCTTCCG	GCAGCGATCAAACGACTCTACAC	280	58	F
DR010010B20H02	TAGGGCTGCTTTGTGACTTGATGG	CGTAGCTCCTTTGTGTTACTAGCC	268	58	RH
DR010010B20H06	CAAGCTCCACACTAGAAGAGATGG	TTCCCTGTTGGAAACTCTGAGCC	161	58	RH
DR010010B20H12	TCAGAGGTTGGGGGTGAAGTTTAG	CTTCCCATACTTTCTTGCCTCTG	635	58	M
DR010011A10E07	GCTGCTTAACACTGTCACCTTCATC	GCAGAATATGTGAATAGTCGAGGC	145	58	M
DR010011A10E09	GCCTTGAGAATTCAGGAAGTTCC	CAGTGTCTTAGATTCTCAAACAGG	335	58	D
DR010011A10F09	CTGCTGGACAAAGAGTTAGCTCC	TACCAGGCTGTGGACTCCAAGAC	130	58	M
DR010011A10G05	GACCTCCTACATTCTTCTGTTGAC	CCACTTGTGCATCTGACATTCTGG	418	58	F
DR010011A10H05	GGATAGCTGGATAGATGGACAGAG	CACCGAGAAGTAATGCAACATCAC	220	58	M
DR010011A20A01	CGGAAAATAAGGCAAGCAGTGAG	CTGCTCAAATCCTCCTGTGGCTT	342	58	M

DR010011A20A04	GGGTTAGAATGTTGAAAGTGTGTGC	TGACAGAGAACTGTCATTTACCCTT	255	58	RH
DR010011A20F01	GAACAAGCACTTACATCGGTAACC	CCTGGTGCTATAAAGAGAAGGAGG	651	58	M
DR010011A20F02	TTAGTTCCGTGCCTTATCGCAGG	GAGTGTGCTTAGTCCATGCAGAG	241	58	RH
DR010011A20G01	GAAACTGGCTTCCAGAGCAATGC	TCCCTCCTTCATCTGTTCTCTGAG	409	58	M
DR010011A20H04	ATACTTGGGCACCAGCTATGTGTC	GCCTTTGCATGTGAAGTCCTCTG	306	58	M
DR010011A20H06	GTGGCTGCCTTATCTCAGGACTC	ACATCCATGAGGCTGTTCTGGTTG	267	58	D
DR010011B10D02	GTGACTACTGAGACCCTTTCCGC	GCACTCAAACGACAGCGTGTC	154	58	M
DR010011B10F01	CTGGGTGATGAACACACAGGATC	AGGGTTTGTGCTTGAGTGATGGG	144	58	F
DR010011B10G11	GTGCCAGTTGTTCCATCTACCAG	GCAGTGAAACCTGCTTGCTCAAG	243	58	M
DR010011B10H08	TGGGCTGTGCTCACATCTCAGAG	GTTGCGTTCACAGCGACAGCAC	215	58	F
DR010011B21A02	GCTGTAAGTACTCTCAGGAGAG	TACTTCCTTATGGTCAGAAATCT	224	58	M
DR010011B21B03	GCTTCTTGTCTGGAGTTGGACCAG	CGCTAATACTCCACTGGCTGTTG	218	58	D
DR010011B21B12	AGTAGAACCTGGCAGCATGGTAG	CCCTGAAGTCAAAGCCCAATGATG	284	58	D
DR010011B21C03	TCACCATCTGATTTCTTATGCAGTC	CTACTATCTCCCATGTCCTTCACA	260	58	M
DR010011B21C04	AGAGTGCCTGTACGTCAAGGAGA	TGCTGCGAAGGTGTCCATCACAG	347	58	M
DR010011B21D03	TGAAGATGCACCTGCCACTGAGA	CCTCCTTACTCATCCACTGAACAG	328	58	M
DR010011B21D04	GCCAAGTAAAGTTACCCTTGAGG	CAGACACCTGAAAGGGAAACCTC	132	58	F
DR010011B21D09	ACGAGCATCCATTGAGCACCTAC	GTGCCATAAACCTACCAGGCTTG	363	58	F
DR010011B21G10	GTGAGTTTGTGAGCCTGGCATTAGC	CTCACCACAAGTGTAGTCACTACC	180	58	M
DR010011B21H10	GCCCAAGCAATAGGTTTGTGCAA	ACATCACTCCCAAACCCGTCAG	299	58	M
DR010012A10B02	CCTTTACGCTGTGGTCGCTCATG	GTGACTGAACACTCGCACCAATC	259	58	M
DR010012A10C06	TCTGGACTGGTTGACCTCATAAGG	CCTCCTGGTCAAACACTGCTTGG	188	58	RH
DR010012A10C09	TCTCATCTGTGGCTTTCATGCGG	GAAGGAACCATCTGGCTGATACG	138	58	M
DR010012A10C11	GTTGAAATGCTGTGGTGTCTAGGA	GAGTCAGAGCTGGAGAAGTGCAG	224	58	D
DR010012A10F02	GAAAACGAAGCCACCTGCCCTTG	ACATCGGCACTATCACACAGGAG	291	58	D
DR010012A10G10	GACGTTGGTGGCTGTCACGACT	GAGTAAGTGACCATCCGCCAGTA	325	58	D
DR010012A10G12	ACCATTTTGTGCCGATAACAAGTAG	CCCACACACATACTAAAGCACC	406	58	D
DR010012A10H05	GGTGCTTCTGAAAACGCTAGTTGG	GATTCTCTCGTCCAGTAAGGATGG	339	58	M
DR010012A20A01	TCCACAGTCTTGCCAGCAACAT	CATTACCAGAACCTCCAAAGCCC	387	58	M
DR010012A20B04	AGAAGCGGTATGCCGTAGAGTTG	GACCACCAATTCATCTCAGACTC	219	58	M
DR010012A20C06	AGCTGATTGCTGAGTATTACTGTAC	CCATTCATCTGCTTCTCTACTTCC	289	58	M
DR010012A20D08	GTTGACTTAGGTCAAATTGGATGTC	CCGCACTTAAATGTTGACCAATCC	209	58	M

DR010012A20E11	GAGAGGGA ACTCTGAGGACTCAG	TTCCTGGAGTCACTGGCTTCTAG	104	58	F
DR010012A20F11	CTCTGAGGGTAAAGGGCGAAGCTT	CCTTGCCAAAACGGAGTCTCCTA	260	58	M
DR010012A20G08	TCTGGCAGAGGACTTGTATCTCC	GGTAGTTTGGTGGAGACAGGTGA	341	58	F
DR010012A20H04	ATCGCGCCACCGCGAGAAGTG	GTGGTTAGTAGCGATGACTGCTG	557	58	D
DR010012A20H11	TGGTAGTGTTCAGGCTCTATGG	GCATACCCTCTTCTCTCACACTC	333	58	M
DR010012B10A08	GTAAGGCAGGAACTATCAATACTGG	CCTTTTACGAGGCAGGTTCTCATA	292	58	M
DR010012B10B07	CCATTTGTTGGGCAATCTGATCGC	TGCATGGTTCCTTGAGGCTACTGT	465	58	RH
DR010012B10B09	TAGAGACACCAGCCTTGTGATTGG	CCAGAGTCAAAGAAATCCGCTGC	238	58	M
DR010012B10D01	ACTGATCTCACGAGACCATGGCA	CCACATCTTCAGTAGCACTCAGC	401	58	M
DR010012B10D02	AAAGACAGCCTGGAGGTCTGGTG	CTCAGTTACTGCAAGACCTCAATC	391	58	RH
DR010012B10G01	CTCCATTCTACATGAGCTCTGAAC	CCATTTGGTTGTGATGCATTATGTG	222	58	RH
DR010012B10G02	GAGACAGGTATGTAGGGAACCAAG	GCAGCCTTCATTTCAGTTCCTGATC	354	58	M
DR010012B10G03	GTGTTCTGCTTCCCAACCAGGAA	CCAAGTCAGAAGCAGCACA ACTAC	301	58	RH
DR010012B10G07	GCAGCCTCTTGAGGTTTCTACTC	ACCCAACACAGTCCAACAATGACC	220	58	M
DR010012B10G08	CAGAGTGTCAAAGACATAGGCAG	AGGGAGAAGGACGGGAACAAAAG	222	58	M
DR010012B10H01	CGTCGGTGCGTGACAGTTTCCC	ACGAGAACAATGAAGAAAGGACACA	366	58	F
DR010012B10H02	CTCTTGCGAGAACCATTTCATTTC	CTTGCTGAAAACATTAGTTCATCC	400	58	M
DR010012B10H04	TTCACCTCTGGAAGTGGGAGAAC	CTCTCAGGCAGAGTCACC ACTTG	253	58	RH
DR010012B20A04	ACACCAAGCATGGAGCCTGACAT	CTTAGGTAGAAGACTACAAGTCAGT	194	58	M
DR010012B20B01	GCCAAGAGGATGGTGGTGAACAG	TGATACCAGGCTGGTGTGACTG	411	58	D
DR010012B20C11	CTTACTGCTGGTAGTTACGTGCG	TCGTGGGAAACTCCAAAGGATGG	381	58	D
DR010012b20d04	AGCCAGACCTCACAGTCATGCTG	GGCTTTATGCAGAAGGTGTCCTG	183	58	M
DR010012B20E10	GGCTCTTGACTTGGCATCACCAT	TTCGCCCTTCTCCCAACTACTAC	189	58	M
DR010012B20F12	CCGATTTTGTGTCTCTTCTCCAG	GCACTTCTCAAGTGCTACTGTG	222	58	RH
DR010012B20G10	CGCACCAGATAGCAGGCAAACAG	CCAGGCACCCTACTCCATTT CAG	266	58	M
DR010012B20H05	CTGGAGCATACTCTGTACCCTTTG	ACTTCCACAGGGGAAACGGTTGC	207	58	M
DR010013A10A02	GTAAAAGGCTCCTGCTTGACTCC	GCAGAGACACTAAAGGGTCAGTAG	294	58	M
DR010013A10A05	ACTGGTCTCCATGTGAACACGAG	TCTTCTACTGCCTGGTGACCAGA	250	58	M
DR010013A10B02	GCAAACTACCCTCCTGGTTGAAG	ACTAGGTGTGGTCAGGATCACTG	208	58	M
DR010013A10D05	GTATTTTGAGCCTGTCTACTCTGAT	GTTGTAACACCGCATACCTGTCC	260	58	M
DR010013A10E04	GGAAGACCTTTTTTCTTCATGTCAA	AATGTGGTGCTGGGACAGTAGGC	143	58	M
DR010013A10E12	CATTGTGTTGGGACAGGAAGGGA	GCAGCCAAATGTATCCTGACAGG	207	58	D

DR010013A10F02	CTGTGGCTGCTTCAGTGGAGGA	ACTGTCTGAACAGCAGATAAAAAGG	377	58	D
DR010013A10G08	CAACGCAAGACTCGATCCTGGAT	TTAGCACCTCTGCCAGGAATGT	240	58	D
DR010013A10H08	CCTTCAGAGGAGTGACGAGCCA	ATCCTGCGCGTTTGGACTGGGC	590	58	D
DR010013A20A07	GGAAGAGGAGTCCCAACAGACC	AGCTATTCTCAGAATGATACATGCTC	320	58	D
DR010013A20A09	TAGGACCGTAGTGGAAAGCCAACG	CAATCCTCAAGAACTGGCAGCAG	407	58	F
DR010013A20E06	GTAGGCTAAACGGTGAAGACAGG	ACAGGAGGCTATCTCTGCATTAAG	141	58	F
DR010013A20F11	TCCATTGGTTGGGCAGTTCTCTTG	GTGCCATGAACTGCACTAGACTTG	458	58	RH
DR010013B10A02	AGAGGAAGCATGACCTGAGTGTC	CCATTGTAAGGCACTGACTTGTGC	244	58	M
DR010013B10B01	ACAGAAAGGAGATCGTAGCACGG	CATCAAACCCGAAAGCCTCCTCA	138	58	RH
DR010013B10B09	ACCTCATGTGAGCTGCACTTCC	TTGCAGAAGGACTGCGGGTCTTT	238	58	M
DR010013B10C01	GTCTTTCAATGTAGTTATCCCAAGC	TCAATCCATCCAGTGCCTCACT	250	58	M
DR010013B10E03	GAGTCAACACGTGCCTGCATTAG	ATCAGGATACATAATTTAGAAAGACTC	306	58	M
DR010013b10f09	GTAGTGACATCATGTGCTCCATG	GCCAAGAAAGGATTACTCCGTGC	314	58	M
DR010013B10F10	CCAGTAGGCAATGTTAGTGTGAGG	TCACAGAGTGCTTACAGCCAGTC	309	58	M
DR010013B20A02	CGTGATGTCCTCAGGCACAGATG	GATGGTTTTGAGAAGCCTGGCAG	383	58	M
DR010013b20c04	CGTGGAGCTTTCCTCTGTAAACAC	TCCAAGCATTGGTCACAGCTCTC	212	58	M
DR010013B20E01	CTTGGTTAGTGTTTCATGGTGAGAG	GCTCAATGCTGTATGTAGACCTGC	203	58	RH
DR010013B20E03	GTCGTGTCCTATATGATGCTGCC	AAGCTAGGTCAGAAAAGTGTTCCC	194	58	D
DR010013B20E04	AACACCGCGCACCTCTCAGCAC	CCCTATTCATGTGATCCCACTCTG	401	58	D
DR010013B20E08	TGGGTTCGTAGCTTTGTCCTCC	CTAGTTGCGTCTTACACGTTCCG	193	58	M
DR010013B20G07	TAGTTGGTGTAGAAGAGGCTGCAA	TCATTACCCAGCCTCCCTTCCAA	372	58	M
DR010013B20H04	TGGTAGAAGAGCGAGTGTCAGGT	CACTTGGCGCAAAGCACAAAACAG	362	58	M
DR010013B20H06	TTCTTAAACGGCTTCGGTCCGCG	CCGTGTTCTTTAGTTCCAGCCA	346	58	M
DR010013B20H09	CCCTAATGACTCCACACGATGGA	ACGTATCGGTGTGAAGCGCGGA	191	58	M
DR010014A10A02	GGAAAAGAGCTGCCAACAACCTCAG	CTTATGGCACACCACAACCTCCA	402	58	D
DR010014A10A09	CGCTCGTACACGGTTGATCCGT	CCATCAGGTAACGCTTTTATTCCG	120	58	RH
DR010014A10C06	GTTTGATGCCTGACTGGATGAGC	CTTAGGTAGAAGACTACAAGTCAGT	119	58	F
DR010014A10D03	TCACTAAAGCTGAAATGCCACAAAC	GCGCTGCAATTTGAAGGCTTGAC	351	58	RH
DR010014A10E07	AAGTGTGCCAGTGGCTGTCTGTG	AGCTGCCTGAAACTCCAATGTACC	253	58	D
DR010014A10E11	CTCCGTTGATAGACCGCTTGGAC	GCAAACACTAAAGTATCAAAGGGAAA	338	58	F
DR010014a20d07	GAGCTGAAGAGTGACTGCACATC	GGATTACCTGTTTCTATCTCTGG	274	58	M
DR010014B10B03	GCGTAATGAGTTCTAGGATTTGG	CACATAACACCAGTGCTCATCC	349	58	F

DR010014B10B04	ATTTACACCCTCTTGGATCTAAGTG	GCAACTGTCAGTTTGTCTCTGGG	148	58	M
DR010014B10B10	GCAGAAGCGTTTCGGAGTCATTTG	TATTGCCGCTTCCCAGCCAACTA	275	58	M
DR010014B10C02	CTCCGAAAAGCACCTTGTGAAGG	CTCAGACAAGCATTGCCACTTC	106	58	RH
DR010014B10C06	ATTTGCCCGAAGTGACACAGCAG	GGATCTCAGAGATGTCTTAGGGC	414	58	RH
DR010014B10C07	ACTATGAACTGCTGGGTACAAATCT	TATCTGGCTCCACCTCACAACT	235	58	M
DR010014B10D02	CCATTGTTTGGGAGGTGCTCAGA	ACCTCTCAGCAAATAGCACCAGG	196	58	D
DR010014B10D04	TCAGGCTCCTTTGTGGGTTTTGG	GGGAAGTCCGAGTCAGCAGATC	217	58	M
DR010014B10E06	AGCTCAGTGGATCTGCCAGTAAC	GAGCATGTTCCAGGCAGAAATGG	319	58	D
DR010014b10e07	ATGACAGAGCCTGGATTCTGAG	GTCCTGTCATCACTACTCTTCCC	376	58	M
DR010014B10G12	GGTAAATGAGGGCAGGGAAGTTG	CGTCTGAACAGGGGAGACATTC	317	58	RH
DR010014B10H01	GGTGTTCCTTAGCACTGGACTTG	GCCTCTAGTCCAGAAGTTTGGTTA	449	58	M
DR010014B10H03	CCGCTCTCATAAATGGACCAGTAG	CCACTACCAAGTCCAAAGTCCTG	286	58	M
DR010014B10H08	ACCTCTGTTGCTTGAAAGGCTC	GCTGACAAGACTGTCCACAACCTC	347	58	M
DR010014B10H12	ACATCAAGAGGCTGCGACCAGAT	CCTAATGAGGACTTACTAGCGGC	516	58	RH
DR010014B20A10	GCAAAGGGAATGGTTGGGGTACT	CCACTGAAGAACCTAACGAAGCAG	502	58	M
DR010014B20B07	TGAGCCTTTGGATCTCTTCCTGG	CAAGTCTACCAGCCTCTGCAAAG	190	58	F
DR010014B20C05	CCAGAAGGCAGCGTTCCCATCA	GATAGCATGACCTGGTGGAGTGG	379	58	M
DR010014B20D03	GGTCTAGTAACCTCTTCATCTGCC	TCACAGGTTGCCAACATAGCCGC	145	58	M
DR010014B20D05	GAGCTTCGGAGACGAGTGTCTAG	GATCTCTAGCAGACAACGCTCCG	361	58	D
DR010014B20D08	GTGCGTGTCTTTTGCTGTGTAAGC	CATGTCCTCTCACCACACTTGCT	226	58	RH
DR010014B20E04	ACACTCCAGGTCAGATGCTGCAG	CAGACAAATGAGAGCCTGGAATAG	541	58	D
DR010014B20E08	ACTATGTGCCAGGAACCGTCCTA	TTGGAGGTTGTCCAGTCGGCAA	390	58	RH
DR010014B20E10	GGGTTCAAATAATCTCCTGGTGGG	CTTTTCAGGTGGCTGGTCTTGTT	342	58	M
DR010014B20G10	GGTCTATGCTCAGGGTGAAGTCT	CCTCAAAAATCATGGTGCCTAAGTG	333	58	M
DR010014B20H07	CTCGAACCATTGTTGGGTCCTCC	ACCAATGTAACTATCATCAGGTTTC	347	58	F
DR010015A10A07	TTCTTGTTGCCTTAGGAATAGCTCA	AATGTAGCCGCACTCAAGGACAC	276	58	M
DR010015A10A12	CATAGACTACAAGTCAACTGCCT	ATTGAGCCAGCCAGGCACCTTTC	359	58	M
DR010015A10E04	CAGGAAACAAGCCCAGAAGGCAA	GCGGTCTGACTTCAATCACTCAAC	140	58	D
DR010015A10E11	CTCTTTGGGAGTAGTGTCACTGG	AACAGCAGAGATTTTCGCCTTAC	209	58	M
DR010015A10G11	AACTCCTAGCAGCCACCAATCTG	AGCCTAACACTGGAAATAAGCCAG	267	58	D
DR010015A10H02	TTGGAGTAGGGAAGGTCTCTGAC	ATGCAAAGCACCTTGAGGGAGCC	202	58	F
DR010015A20A02	GCCTGTCCAATATCGTAGCCAC	ACCATCTCAGTGTCTGTATGTATG	122	58	M

DR010015A20B02	CCGTA CT CACAACCTGCTCTTAG	ACCTCAGGTCCACTCTGTTTGATG	243	58	M
DR010015A20C04	ACTGAGCAGGATGACAAACCAGG	ACCGTTTCTCACCCAAAGCAACAG	283	58	M
DR010015A20C07	TTTGCTGACTGCCGCTACACGAC	CGCACGGTGTAAATGAACAAAAGGC	236	58	F
DR010015A20D01	TGGAGGGTTTT CAGGAATGGTGG	CCAAGTGACCACCAAAACCTGTG	260	58	D
DR010015A20D05	GGTGGTAAACTTTTTGACAGGACAG	GTAGATGCCAAGCTGGACACCAG	264	58	D
DR010015A20D08	CAGTCCACTGTATTCCTTTTCTCTC	CTTCGAGACTGGAGGAAACAAGAG	295	58	D
DR010015A20H12	GTTACTGCTCTCGCTGTGATCCT	GTTCCAGACACGTCTCGGTATGG	355	58	M
DR010015B10A12	AGAGGCTGGTAAGTAACTCCTTGC	TAGACATCTCGGTAGCTGCGGAG	285	58	M
DR010015B10C07	ACATCAGGACTGATGGAAGTGGG	ACACACTTTCGGCAGCAGTCATG	259	58	M
DR010015B10H11	CACCTAATCTCCA ACTGGGGGTC	TTCAAAGCATCCAGTCTCTTAGCC	171	58	M
DR010015B20A06	CCGAGAGTTAATACATTTAGTGATGC	GCTTTCTACATATAGCAAGGTACTG	115	58	RH
DR010015B20A07	CTCTACCACTCACCATCAAGTCC	TACTTGGCGAAGGAACTGGGTGT	273	58	M
DR010015B20D06	TTTGAGAGTCTCCAAAGCCTGGAG	ACAATAGTCCAGAGCCTCTGACC	120	58	M
DR010015B20D09	TGTCGCTCAGGCTGCTTGGCAA	TCTCTGGTTTGCTCCTGGCTTCT	676	58	D
DR010015B20D12	GCAAACGCTAAGAACAGCCTGGT	TCCATGTTTGT CATGGAATTGCACA	386	58	M
DR010015B20E12	CTTCAGGAAACCCAGAGCACTAG	AGAAAGAGCACGAGCAGGAGAGG	410	58	F
DR010015B20G02	CCATTGTTTGGGCAGATTAGCATG	TACGGCTAAACTTAGATTGGTTCGC	234	58	D
DR010015B20H09	TGTGACTAGGTGCGTGCCTCTTT	TGAGGCAGGATGGCTTGGTCTTG	403	58	D
DR010016A10A12	CGAAACTGACAGCATGGCGTGAG	TCTCCTGGGCTACAACCATCAGC	212	58	M
DR010016A10D10	CCTCCTAAGCAGTGTGGACTTCC	CTCCTTTGACATAGAGCCTGAGTC	190	58	M
DR010016A10F06	CCAGCAGATGAACAGGGAGAAAAG	ATCAGTTTCTGTGGCTGGTGGT	133	58	D
DR010016A10F08	CCTGGCATATAGCGGACACTTAAC	GGATCTTTCCAGTGACCAATGCTC	336	58	M
DR010016A10H09	GAGGGTCTATCAGAGCAGGAGAA	TTCCAGCATGGAGGCTCTGAGTT	132	58	M
DR010016A20A08	TCCAAGGGCAAAGAGTATGAAAGC	GGATCTGGCTATCCGAAGTCTGA	343	58	M
DR010016A20F01	ATCAGTGCAATCTGGTTGTCTAC	AAGAGCACATACTTGCAGCTATTTT	153	58	M
DR010016a20h01	GGA ACTCTGACTTCCAGCCATGA	TCCTTGGCTTCTCTCAATCCCAG	256	58	M
DR010016B10G11	CTTGGTAGGAAGTTGTGAGCACG	TGGCAGCATTCTCAAATTGACCC	170	58	RH
DR010016B10H07	AGGAACAGGCACCTTTGAGGTAG	CACCATTTAGCTCCTGCAAGCT	391	58	M
DR010016B20B05	TGTGAACCCAACTTGAGCTGCTC	GGATTCTTGAAGGTCACCTGTTC	108	58	F
DR010016B20E05	ACGACAGTCATTTGCCAGAATCTC	CAAGCCTTGCCTTGTGCAGCAG	364	58	M
DR010016B20F06	TCCTCCCTTTTCCAGCTACATACC	GTCTGGCTTAACAGAAGTGGCTG	139	58	M
DR010016B20H06	GGTAGGTTCTGAGAGGCTTCACT	TTCCACCAGTCTCTATGAGCCTC	401	58	D

DR010017A10A01	AGTCACCTCCGACTCAGCATGTC	CAGTGACTCTAGCAGATGACTTCC	389	58	D
DR010017A10A02	GGACTGGAACCATAGGAGGCAC	TGAGAGCCACTCTCAGCTTCCAG	280	58	RH
DR010017A10A07	GAGGAGTGAGCTGGCGTTAAAGC	GCTCATCATAGGCTCTGGAGAAC	226	58	M
DR010017A10B01	CAACCAGAGGTAAGTTTGGCAGAG	TCCACTCAAAGCCATAAGAGCAGC	363	58	M
DR010017A10B02	GGTGACCGCATAGTGAAGACAAG	TCCTTCAGTGCAGCAACTAACCTC	265	58	M
DR010017A10B06	AGCGCAGTTCATTTGACTTCTCAG	CCTTTCATCCCACCTCTCCAGAA	280	58	M
DR010017A10C03	GGACAAGGATTTTACCTCCATGCA	CTACAGGAACTGGCTTCTCTACG	241	58	F
DR010017A10C11	GTGTAGACTTCTGTGACTGACG	CATACAACATGAGGAAGCTAAATAGC	204	58	M
DR010017A10D03	TGAGAGTAGCTTGTAGAAATGTACC	CCTTCCTCACATTGATGCTAGGC	291	58	M
DR010017A10D05	AGGAAGACCTCTCTGAGATGGAG	TCCTAGCTTTGGGAAGTTGTGCC	134	58	M
DR010017A10E01	AACACCCTACAGTTTTGGAGCTAG	TGTAGCCAGACAGCTATCTCATTAG	409	58	M
DR010017A10E03	CTTACTTGGTGGTGGCTTTATTCC	TTCCTAGCACACAGAACGGTTAAC	381	58	M
DR010017A10G01	ATGGTCCGCAGTCACCTGGAAAC	AGAGGCTCGGTCTGGTTCACAG	350	58	F
DR010017A10H04	TGAGGGGTGGGCTACCTGCCT	TAGCGAAGAGGATCGAGAAGCAG	308	58	F
DR010017A10H07	TTGTGCTCGGCTGGAAAGGAAGC	CTGAAACGCAGTGCTATCTTCGG	373	58	F
DR010017A21A05	CTGCCGTGGTGATGAGACGCG	TGGTGCTAACCTCTCCTCATCCA	240	58	M
DR010017A21A06	GAGACAGTTCTCTTTGTTGGCAGC	AGCACCGAGAAACCTTGTTCAATG	286	58	M
DR010017A21B03	TTCCCTTTGCCACTTTCCTAGCC	CTCCACTAGACTCTAAGCTTCGC	160	58	M
DR010017A21B04	TAAGAACTGGGCTGTGCTTGTCTG	TTCCTTGAGTGAGAGACAACAAAAG	405	58	D
DR010017A21C06	CCTATTTTGGCTTCATGGTTGCAG	AAGCAGACTCTGGCAGCCAAGAT	391	58	D
DR010017A21C11	GGAGCTGAGGAAAACGTGATCTTC	TCTCTGCCAAAATGTGGCTGGA	315	58	RH
DR010017A21D02	CAGAGTGAAGAGGAAGACCTGGA	AAGCAGGAGATGTCAGTGGATCC	383	58	M
DR010017A21D05	CAGGCACCACCTCCCTTATCAAC	CCTTTAATCCTGATAGAGCTTGCC	317	58	M
DR010017A21D11	CTTCCAGAGACTGGACACTAGCA	GAAGCGACACTAGAACAGACTGC	168	58	M
DR010017A21D12	GACCAATCCGTTGCTTTCCTCTC	GAGTCAGAACTGAAACACCAGGC	263	58	M
DR010017A21F03	CCTGAGATGTCTTCTGTGCTTC	CCTCAAATGGCTTGGTTTCGTCC	159	58	M
DR010017A21H07	CCTTTTGGCTGAATGCCTGCCTT	CCCAGTTCTCCTCACATCCCTTA	223	58	D
DR010017A21H09	TCTAAGACCCACCTACAGCCTCA	CCTCTCATCTGGGAAACAGGAAG	221	58	M
DR010017B10A02	AGGACTTTGGATAGAGTGTTTACAG	CAAACACTTATGGAATGCCTACTATG	521	58	M
DR010017B10A09	CTGTTCCAAAGGAGCTGCACCAT	GGATACCACTTCACACCAAGATGG	133	58	RH
DR010017B10A12	GGCTAACCATTGACATCGTTGGC	GAAGCAGGAATCCTAAGACTCGG	250	58	M
DR010017B10B03	CTGTGGGTTTTCTTTGCGTCGCA	CAACTGTGGCATTACAGGATGGTC	458	58	F

DR010017B10B11	GCACTTGGATGGCTCAGTTGGTT	TTGCTAATTCTCTAAAGGTATGTCAG	382	58	RH
DR010017B10C02	TCTCGCTGAGTTAGGTTGAAGGC	CTAACAGCCTGACAGTGTCTCTAC	530	58	M
DR010017B10C10	GGAGAGTCGAAACAGGATTCTGC	CACAGAACCGTATCCTTCCAAAGG	226	58	RH
DR010017B10D03	GCAAATGTGGACTGGATGAAGTAG	CCATCCTAGGTATTTGTGGTGAGG	442	58	M
DR010017B10D08	CCTGGGCTTTTTTCAGGCTTCTAG	AGAAACCGCAAGTTCAGAGTCGC	296	58	M
DR010017B10G03	CCTCTATGACAAAGTTGATGGACC	CACTCTCCTTCACCCATTTTGTCC	223	58	RH
DR010017B10H05	AGTCATCCTACACGGGCAGTGTT	GGACTCTGAGAAGTTACAGGGAG	271	58	M
DR010017B20A03	GTATCACTAAAGAAATGTGTAAGCGA	TAATCGCACCAGGGCAGTGGATG	293	58	D
DR010017B20B06	TCCTTTTACCTGTCTGAGCATTTCAT	ACATTGATCCAGAGCCCTGAAGG	234	58	M
DR010017B20B08	TAATGACCAGGGAGCAACAGCCT	GGAGGGATGATAACAACCACTGTC	178	58	D
DR010017B20C02	TTGTGTCCAGACTGGCAGCCTTT	TGGAGCATCCTTGACCTCTCTTC	134	58	RH
DR010017B20C08	GTCCTGGATAGTCTTTGCACCAC	CCTGAGCGTTCTCATCAAGAGTAC	352	58	RH
DR010017B20C12	CTATCATGTGGAAGTGAGGCAGG	GCATCTGCTTGTGAACAGTCCTG	727	58	F
DR010017B20D06	GTGGACTGACAAGGAGGGTTGAT	CCTCTAAGTCAGCCAAAAGCCTC	476	58	M
DR010017B20D09	GAGAGGAAGGGCTCGGAGTCTG	AAACCCGAACACCCACTTCCAAG	138	58	D
DR010017B20D12	GGTGAGCTGGAAAGGGTCTAGTT	GTTACAAGAGGAAACACAGGTCTC	281	58	F
DR010017B20E08	GTGTAAGTGCCAGGTGGTATTCAA	CTGAGGTAACAGTATCCTGGTGAC	132	58	M
DR010017B20E10	ACATGAGCAGGTCCATCAGCCAC	TCCTGGCTATGAGCAGTTTATTCTG	381	58	D
DR010017B20F02	GTAGCAATACAGAAAATGGAGGGAG	TAAAACGGGTGGAACAGCTCCAG	349	58	M
DR010017B20F03	GGTGTGTGGACTGGCAAGAGATG	CCTGGAGCATTAGGAGAAAGGTG	502	58	M
DR010017B20F07	ACAGTCCAGGAGGGCGCATACA	TCCTCCAAGTGAAATCCCATTTCAG	455	58	D
DR010017B20H10	TGTCCAAGGATGGTGGCATGAGA	AAGGCTTCGGAAAGTCTGGTCAC	289	58	M
DR010017B20H12	GTGTGAATTAGGTGAAGGTGGTCA	AGCAAAATGATTGCCAGAACAAGATT	184	58	M
DR010018a10a01	ACAGTGCTAGGCACCAGGATCAC	AGCCAGTCGAAAATAGCTCCTGC	376	58	M
DR010018A10C12	CACAGCTTCCTTGTGACATCAGTT	AGCCAGACTCCTCAACGTCGTTT	412	58	M
DR010018A10D06	GAAGTGTTGAGGATAGCAGAGCC	CAACAGTGACACTGCCTGCCATT	228	58	RH
DR010018A20A01	TGGTCCAAGGAATGAGTACCTGG	TTGGCATCCAGTGACCATAGCAG	220	58	RH
DR010018A20A10	GTTCTCTGTCTCCTACTGCACT	GATCTTCCTCCACCAGCAAGTTTG	258	58	M
DR010018A20A11	GAGGTTCTGAGTTGGGTAGGAATT	CAGGTGTGATACATGCTCCCAAG	392	58	D
DR010018A20B10	GAACTCATGGTTGGGGATTAGCC	GTGAACGAATCTCATTTGGTACAATG	252	58	M
DR010018A20B12	GAAGGTGGTTGGTCAGTATTGGAC	CTTATCAAGGACTTGTAGAAGTACC	361	58	M
DR010018A20C05	AAGCAGTGAGAGCTTGTGGAACC	GAACCTGTTGAGGATCTGAGAGC	148	58	M

DR010018A20C12	TGGCTGTCAAAATCTCATCCCAAC	GCATTAGTAGAAAGCATAGTGTGAAT	425	58	M
DR010018A20D10	GGTGGATAGACTGGTGAAGAGCT	GGTAAGAGTATCAGGACCCTCATC	378	58	M
DR010018A20E07	GGTTCACACCAAAGTTTGAGGACC	CGAACAAAGGCAGACGCTCAAAC	247	58	RH
DR010018A20F07	AGAGAGAACACAATGGGGCGGG	CTTCATAGAAGTTACCTTAAAAGGTTC	321	58	F
DR010018B10A01	GCTGCTTTTCACGAAGTTCTCGG	GTGAGTAGATGCCAAGGAGGTCA	314	58	F
DR010018B10D01	GTGTGAAGTCTAAGTCAAGGCTCA	AGGAACATACTGGTGAAGGCAAAG	190	58	M
DR010018B10E02	TCACCTTGCTCAAGCCACGGCTG	TCTGCCGTGTTACCACCAGTAAG	159	58	M
DR010018B10E07	TCCATTGGTTGGGTGCAGGAAGG	TTCATCGCAGGAATGTGCTGGC	435	58	F
DR010018B10E11	TCAGAGAAGGCATGAGGTTTGGC	AATGTGGGACCACCTTCAGCAAC	476	58	M
DR010018B10F07	ATCAGTGGGCTGGAGTCAAGGTG	ATCACTGTGCGGAGGAAGACGCAG	129	58	D
DR010018B20B02	AGGGAGATAAGTGGTGGAAAGAGC	GGACTATTACAGTCGTCTCCAGAC	353	58	F
DR010018B20D07	GTCAGCGGTAATCCTAGAGCAGA	TAAGGCGAAGGAAGTCTGGCACA	245	58	F
DR010018B20E06	AAGCACGGTTTCCAAGCACACGT	TTGAACTCTTTTGCTTATTTACATGG	310	58	M
DR010018B20F02	GCTATTTAGAGGAGACAGCTCACG	TGAGGTATGTTCACTATGGGTGGT	271	58	M
DR010018B20H11	CTCACGCCATTAGTGATTCTGCTG	AGCCATAAGTGCTGTTTAGAAGGC	294	58	M
DR010019A10A06	GATTGGAGAGCTAGATGCACCTG	CTATCCTACACCTGCCACCATAC	271	58	F
DR010019A10B01	GACCAATGAGTCTTGCCAACACG	ATGTGGCTTCCACTATTTCTGCC	245	58	M
DR010019A10C01	CTCACTGTTGGAGACAAGAGATAC	CAATCTCCACCAGGCAAACCTGA	261	58	F
DR010019A10E10	GTTGGGATTAGCATCTGAGGTACC	TGGTTTCCTTTCAGTCCTTCATAT	416	58	M
DR010019A10F07	TGTGGTCTGGTTTTGTTACTCACC	GCTACACCTTCTGATTTATTCCTCC	418	58	M
DR010019A20E04	GACCTGGAGGTCCAGATGCCTA	AACAGTTTGCAGCCCTCCCAACC	145	58	D
DR010019A20F01	GGCTGAAGGCAGACGCTCCAC	CTATCTTCGGTCACAGCTCTGAC	161	58	F
DR010019A20G07	CTAAGCTAGGTGAGTTTCGACGTC	AGACATACAGAGCCTTACTACCC	108	58	RH
DR010019B10C03	GTAGGAAGCCTTCTTTGAGGGAG	AGCAGTAAGTCCGAGAGCCGATA	230	58	M
DR010019B10C05	CTGCCCTTCTAACATCAAACCACC	ACCTGAGCAGAATCGAGAGTAGC	280	58	RH
DR010019B10D06	TCCTTTGCTTCCTGTAACCGTCC	GTGTAGGGTGGACCTCTCCGTT	197	58	F
DR010019B10F01	GAGGGAAGGTATCTCTCAGGCTA	TCGCTTAGAGACTGAGCCAGCAG	425	58	F
DR010019B10G05	GTGGATTCTGCACTGGCAAGTGT	CTCAGTCGGAGAATCTACTTGTGC	193	58	M
DR010019B10H01	CTGCTCTACCAAAGTAAGAAAGGAG	TCCTACCCATACTCAAAGCATCC	192	58	M
DR010019B10H03	ACACAGGAGCGAAGGGACAAAGC	CCCTAATCACCAAGTGCAGCTGC	245	58	F
DR010019B10H04	GCTTTCTCAGGAAAGGTCTGTCTT	AGCAGACAATGCTAGACGCACAC	285	58	D
DR010019B10H10	AGCTCATTCCATTTGTTGGGGG	CCAACAAGACACCAGGATTCTG	435	58	D

DR010019B20A10	AGTGGCAACAACCTCTCCCTGGTT	GGCACCAACATTCTAGCCGATGG	540	58	M
DR010019B20B10	TCTCAGCTTATACCAATCACCTCC	CTGTATAAGGGCAACTGCGCTCA	414	58	M
DR010019B20C03	GTTACGTCATCGTGAAAGAAGAGC	GCCAACCCTTTTATTACCAGCAGC	381	58	M
DR010019B20C07	TTGGCTGTGACCTCTTCCGAGAC	TTGTCGCATCCCTCTCAGCCGA	205	58	M
DR010019B20E04	AGGCAGAGTAAAATGATTCCCTGGC	GGACAGTAATCCCAGTCTTCTCAG	403	58	M
DR010019B20E11	AGGAGTGATGGTGATAAGCTGCC	GGAAAGGTCTATGTGCTACGCAC	152	58	M
DR010019B20G03	CCATCTTCCTTGAGACTCTAGCC	ATTGCCCTTCCAGGACTTTCACC	312	58	RH
DR010019B20H03	GGCACATGAATAGACAGACCAGTG	CCTAAATCAAGGTTGAAGAGGAGTT	287	58	M
DR010019B20H11	GCTACCTGATTGTCTTCCTGTTGA	AGAGGAAGCAGCAAGGCTCGATC	235	58	F
DR010020A10A02	GCCTTACAGTCTTCAAACCTGGTAG	CTCACATACTTAGACAAAAGCACAC	282	58	M
DR010020A10A03	CGCCAAAACCTGACTTTCAAGGGC	GCACATTCTACCAACTGAGCCAG	162	58	M
DR010020A10A07	AGTGGTCAGACCACTTCCAGCAG	CCAATCACACTGCTGGTCCAGAG	457	58	M
DR010020A10B02	ATGTTTTCTGCAAATGTGAGCACAC	GATATACAGCACAAATTAATCCAGGC	281	58	M
DR010020A10B07	CCCTTTGAGGCTCTGTCTACAG	TCTGGAGAGCAAACAGGTCAGCT	365	58	RH
DR010020A10B08	CTACTCCTTGTAATACACTTTCTCTC	TGGATGGCAGCACAAATCAGCGG	455	58	D
DR010020A10C04	GAGGGTTAGGATGAGCTTGACTG	CTGTATGAGTTGTCTTTGAAGGACA	208	58	M
DR010020A10C07	CCAAGCATCACATCCTTTCATCTG	ACCTGGTTGAGACAATGGGGCTG	153	58	M
DR010020A10C10	GCCTTGTGTTTCAAGATCCCCTG	ATTCCTAATCTTGGACAGCATTACAA	417	58	RH
DR010020A10D06	GTAGACAACCTCCATTGCTGCCAG	GGTGAGTTTAACACAAAGACCAAGC	402	58	M
DR010020A10E04	CGTGAACCAGATGGTGGCTTTTC	CGGCAAGAATGTCAGGGTTTGTGTC	288	58	M
DR010020A10F11	CATCCTTGTCAGCGCATAGAGAG	GCATCCTCATCAATAGGGAAATCC	411	58	F
DR010020A10G11	GCGGCAAAGATAACTGGAGAAGAG	CGCTGAGCACTTGAGAGGACAAG	164	58	D
DR010020A20A04	GGTAAAGGCTTGCCTCTTGTGTC	AAGAGCACAAAGCTCGGATAGCAG	263	58	M
DR010020A20A05	TATGGTCATTCTATTTTCTCAGCAT	CAAGTCAGACTGAGAGGAAAAAGG	122	58	M
DR010020A20C05	ATCGTGACGGCGGGCAAGA	CCAATCCAGTGCTCTTCTGAGG	213	58	RH
DR010020A20E09	GCTCGAATTCCATGTGTTGGGCT	ATGTCTACCCTCCTCAGAGCAGT	418	58	F
DR010020A20E11	AAACCTCCTCGTGGTGTTCAGTC	GAGACCCGGAGGACCGTGACA	236	58	F
DR010020A20G01	GGCAACGATACAGCAAGAGTGCA	GGAAAACAGCCTGAAGAAGTCAGG	351	58	RH
DR010020a20h07	TGAGGACTCCATCCGTGACTTGA	GCCATTGGAGGACATCATGCAGG	317	58	M
DR010020B11B08	CCAGAAGTTGAGAAAATGGAAGCC	AATGGTAGCACTGCTTGAGGGCT	368	58	D
DR010020B11C08	AAGTGTCTGCCATTCCTCCTGTG	GGAAACAGTACCAGGACACTCAG	196	58	RH
DR010020B11D02	GCTTTCATGTGGCAAATCACCAC	TGGCATGTTCCATCAACCAAGCC	346	58	RH

DR010020B11F03	CCATTGTTTGGTCCTTAGGTCATG	TCACAGTTCTGGAGGCTGAAGTC	166	58	RH
DR010020B11G08	GAGGAAAGGCTTCCTGGAAGAGA	ATCATCCCAGCAAGAACCCTGC	295	58	M
DR010020B11H02	ATGTCCACAAGCTTCCTTCCTCC	AGGTGATGAAGCCAGGATAGACC	140	58	D
DR010020B11H05	TCCAGGTCTGGAAAGGCTCCTTC	GGCACAATACACAAAGACTAAATCC	159	58	M
DR010020B11H06	GGCTAAGACAGAGGGTAGGAATG	CCTCATCTCTGTAACAACTGAACC	229	58	M
DR010020B11H11	AGGAGAGTGGCTCCTGCATAGAC	GTCGGCTAAACGTCAGACTCTTG	268	58	RH
DR010020B20A05	CTAAAAGGCTTGAAAAGAGGAATCG	TGTTATGCTGGCTCTTCCCACTC	180	58	M
DR010020B20B01	CATTTGACTCTGAAGGGTGTGGTC	TTTGACAGTCCAGGAAAGCTGGTT	135	58	M
DR010020B20B04	AGAAGATGCCAGGGACAGAGGAG	CCCCATACACATTAGTCATCCCC	577	58	D
DR010020B20B05	GTGACTTTGCTCATAGTTAGAGACC	GCTCTTTTAGAAGACTCAGGGTGC	228	58	RH
DR010020B20B11	GGGTGATTAGTTTGTGACTTTTCTG	CTAAGTAGGAGGGCACAAGTGCT	305	58	M
DR010020B20D12	GGCAGAGAATCCTAAGCCAGGAC	GCTCAGGACTTAGAATGGTTGTGT	148	58	M
DR010020B20E04	CAGTGGAGTCTTAATCGGAAGGG	GTCTGGTTTTTCATTCATGGCATGC	250	58	M
DR010020B20F03	GACTGATACAGGGTGTGCCTCTT	TGATGCTCACAGGTAGTGTTCGC	205	58	M
DR010020B20G02	AAAGGAACACAGCCCTGCTGGTA	CCAGAAAGGTATGTGGACAAAACAG	265	58	M
DR010020B20G08	GACAAAGGCAATTCATGTGATTAGG	ATGCTCTGGTTACTGTGGATACAG	306	58	M
DR010020B20G11	GTCGGATGAATGCTTGGTTGTCC	TGTACCAACTCCGTGTGAGAGGA	206	58	M
DR010020B20H02	TGTCTGGGTACAGAGCTGCAATG	GGAAGACCCACATCCTCACCAC	329	58	M
DR010021A10A04	CTGAAGATGTTGCTCACGTAGCC	CCTTGACGGCTAAGCTCATTTCAC	462	58	M
DR010021A10C06	GAACTCATGTATAAGAATGGCACGT	CCCCTTTTTATGTTGGCCCAATCT	156	58	RH
DR010021A10C08	GCGTTGTAGTATCAGAGATAAGGG	GCAAGATACAGCAGGGAGAAATCA	254	58	M
DR010021A10F04	ATCTTGCTGGCTCAGTCATAGAGC	GGACTCCAAGGCAGATGCCTAG	282	58	M
DR010021A10F12	ACAGGCACAAGAAAGAAAATCATGC	CTTCATTCCCTGACCTCCTACATC	211	58	D
DR010021A10G11	CTCTCTCACTTGTGCCTATCATAG	CCTACATGGTTGAACTAAGCCTCC	408	58	M
DR010021A10H08	GGAGTGTTTGGAAGAGAGGTAGG	GCCTAGCGTAATACTGTCAGCAC	192	58	D
DR010021A20A04	AGGAACAGTAACTTCTTGTCTAGTG	TCAGTAATCCCCCATGCCTCCAA	235	58	D
DR010021A20A11	TGTGTTTCATTGCTGACCAACCTGT	AGGCATTTTAGCATCCTGTCTTCAT	200	58	M
DR010021A20B12	GGTAGTCCTTGACAGTTTTAGGC	CAAAACACCAGAAGCAAAGTTACAAG	298	58	M
DR010021A20D12	GGAACAAGAACTCTGAAGTCAGAG	GGATGAGATTGTCATTTCTGTAGC	316	58	M
DR010021A20E09	GATTAGGAATGGTGGCAGAGGAG	CTCCTGGGTGGCTCAGATGGTT	423	58	RH
DR010021A20F05	TTGGCGGGTCTTGGAGCTGTGA	GCTGAAGGGAAAACACGAGTTTGG	137	58	M
DR010021A20G05	GTTTCAACGAGGAGTCAGCCAGG	ACACGGCACCAAGACCATAACATC	260	58	F

DR010021A20G12	ACCCTGTTCACTGCTGGTTC	ACTGCCAACTTTATGAGGTTGTTAC	253	58	M
DR010021B10C03	CTTCAGTGGGTTTGCAGCGAAAG	GGGATCTTCATGTGCCTTGAGGA	305	58	M
DR010021B10C05	AGGATTCTGTCTTTGAGGCAGG	AAGAGGATGGTCATCCCAAACAGT	428	58	RH
DR010021B10C07	GAAAACCCGATGGGAACAGTGGG	CAGTAACACCAGCCTTCTGACCT	261	58	F
DR010021B10D09	CTCCAGTGAGATGTCTGCACATC	CATACACAGCCATGTGAAAGGCAC	232	58	RH
DR010021B10E03	GAAAAGGTCTGAGTCTCTTCCC	CACGTACAGCTCACCTCAACTTAG	245	58	M
DR010021B10E08	GCACACACGAAAAAGCATTCTGTG	CAACAGGATTTTTGGTCCATGAGG	143	58	RH
DR010021B10F02	CCAAGAGTTCTGTGGCAGTTTGAT	ATGATGGTCCCTGCTCTCACAGA	366	58	M
DR010021B20A03	ATTTGTTGGGCGGTCGAGCTTC	CCATACTAGCCCAAGTCGCCTTC	127	58	RH
DR010021B20A05	GTGATAGGGAACCGTAATCGACG	GAACAGGCTACGGCAGGTCAATG	268	58	M
DR010021B20D02	GGAACACAAAGCCTAGAGGATAGG	GCACAAAACATCAGTAACCATGCC	169	58	M
DR010021B20D08	ACTGTGATTGGATGCTAGGCTGC	CCAAACCTGATAACAATTCCCATT	170	58	M
DR010021B20E09	GCAAGCACTGAAGAGATCATAGCC	AAGGCTCTTAGATGTTGTGACAATG	287	58	M
DR010021B20E10	TTGGTGTCTACATTTACTTTGTCTTG	AGCTGCACGACCTAACTCTGCG	456	58	RH
DR010021B20F06	GAAGATCCACTATAACCAAACCTGTC	TGCAGTTACCTTTCAAATTAGAGGG	489	58	M
DR010022A10A04	GGTAAACTATTGTTTGCAGGTGAC	AGGCATCCCAGTGGAGTTGATTT	219	58	M
DR010022A10C06	CTACCTTTTCTGTGCTGACACGAT	CTTCTATTCCCTGAGCATCCCAAC	336	58	M
DR010022A10C10	CAGAACTCTGGAGGCTGAACCAA	GGAAGAAACCATCAATGTGATTGAG	235	58	RH
DR010022A10C11	GCTATCCAGGTTTGGTATGGCAG	CCGTTCCACAGAACCTGATACA	419	58	M
DR010022A10E01	CTTGTGCTGATTTAGACCAGATGG	CATGTGAGCAAGACCTGAGGTAG	191	58	RH
DR010022A10H01	GCCATTTGTTCAAGGAGGTGTGTAC	GAGGGTCCCAAGGAAGGTGTGA	290	58	M
DR010022A10H09	CAAGTCAGCAACTTGGGACCGTA	CAGGCTGAGCATCTTTGTGTGAC	203	58	RH
DR010022A20A01	CACAACAGAAGGCAGGGAGGTTT	ACACTGCTGTACCTTGCCAGGTT	318	58	M
DR010022A20B04	ATCCTTCATCGTGTGTGAGTGATG	CTCAAAGCATAACAGCATCTTCAGG	171	58	M
DR010022A20B06	GGAGGAAGCCTACCATAGATTTTG	TCTGCCAGTAAATAACATTTCCACC	340	58	M
DR010022A20C04	CTATCCACCCAAAGCACTAGAGC	AGGCATCCTGTTCCACCTTAGCA	187	58	M
DR010022A20D04	GCTCTGACAACCTAGCCATTGGTG	CCGAGAGACAAATGCCACTCCTT	484	58	M
DR010022A20D11	ATGACAGCCAGGTCTGAGGATGC	CAGATGAAGCCAAAAGGCACACAC	225	58	RH
DR010022A20G11	TTCCTCGGTGAAGAGGCTAAAACC	TGCTGCCAAACTTCCAGGACACC	267	58	M
DR010022B10A03	CATACCTAGTGTGACCAAGAGCC	CATAATGAGAACTGATGTCAAGGATT	464	58	M
DR010022B10A09	CCAGGACCATCTCAAGTCTGTGG	AACACAGCTCAGGGATGGAGTCT	566	58	M
DR010022B10C09	GAGGGAGACACAGGGCTCAATTC	GCAACAGGACTTCCAAATACCAGC	354	58	M

DR010022B10C11	GCCTCTGAAATGAGTGAAGACAGC	ACTTCCACTGTCCAGAGCATTGAG	276	58	D
DR010022B10E02	GGCACAATCCATTTCCCTTCGTG	ACCAGAGTGAAGAAGCAGGAGCT	166	58	M
DR010022B10E03	GTGTTTGTGGCTGGGTATTGGTTG	GCTGCTTTCATGACTACACTGTGC	233	58	RH
DR010022B10E06	GGTCTACAACCATCTGCCCTTTTC	GTCTCTGAGCATGGAGGTTAGTG	343	58	M
DR010022B10F06	GGGCAAAGTATGTTATGAGGACGC	TCAAGGGCAGGACTCTAATTCTCC	239	58	M
DR010022B10F07	GACGAGCAAGAAGGCATCGAATAG	ACAAGATGTCCCTGAAGCCAGGG	127	58	RH
DR010022B10F09	GAGCAGAGAAGTGAATGGAGGTG	CAGCAATCGCTTAACCTATGTGCC	358	58	M
DR010022B10G11	AGGTGGATTTTCTCTGCTCTGCC	TGCATGTTTATCCCTCCTCTTTCC	179	58	M
DR010022B10H08	GCTTTGGAAGGTCTGAATGCAGAC	CCTTTTGTCTCACTGACCCAAC	394	58	M
DR010022B20B03	GCAAGGCACCTGCTGTAGGAAG	CCTCAGGGATTTTAAACAGAAACCC	237	58	M
DR010022B20B06	CATTTGTTGGGGTGGCCTGAGAC	TCTTCCCTTACACCTAACACGAAC	482	58	RH
DR010022B20C01	CGGCAATCACATTTGTCTGACCTT	AAGGAACCTTTGAATCCCAGTCTTT	175	58	M
DR010022B20C05	GGTTGAGGAAACCAAAGCAGATGC	CTCTAGGTTGCTGGAGACTATCTG	378	58	M
DR010022B20C07	GGAAGGCAGAATGGTGGAGGATG	GCAATTCAACAGCGGTAGAACCAT	371	58	RH
DR010022B20C09	TCGGAGAGCAAAGAGTATGAATGG	CACAGATTTGGCACGGAACCTGC	202	58	RH
DR010022B20C10	TCTCCTCACCTAGACTTGGTTGG	CTGAGGTTGAAGTCTTAGCATAGC	369	58	M
DR010022B20E05	CACAGGAGCTTTTGTCACTACCC	CAAGAAGTCCCTCTGAGTTGTTTAG	268	58	M
DR010022B20F08	GTTGATGACCACAGGAACTTGCA	GAAGAGTAGCAGGAATGAGGTCG	344	58	M
DR010022B20F09	GCTTAGGAACTGTAGACTCGCCT	CATTCTCCAGTTCCTAACCCCTAAC	349	58	M
DR010022B20F11	GCGGAAGAGGTAGAAAGGCTTAG	ACAACCTGGACTGAGTTCTGATAG	218	58	M
DR010022B20G01	GATGGCACAACAGGAAGCATTACC	GTAACCTCCACCCAGTCCAAGAAC	249	58	M
DR010022B20G10	AAGGTTCAGGAAATGCCACAGC	ATCTGCCATCTCGTGGACACTAG	128	58	D
DR010022B20H05	GGCGGTAGCGATGTAACCTAGAG	GGACAGAAGGAGCAGTCAATGGC	457	58	D
DR010023A10A05	GCTCTGTAGTTGGTCACTTTGCG	AGTCTCTCCCTACTGCCCATCC	423	58	D
DR010023A10B03	ATGGCTTCCTGACCTTGAGTAGG	CCTTCTCATTCCGTTACACCCTG	252	58	M
DR010023A10B07	ATTCGCTCGACAGTGAGTCCACA	CCTTGGGCACAAAGGAACGAAAAG	213	58	M
DR010023A10B11	CAGACTTCTCTGTGCCAAGACA	CATTCACATCCATAGACCCTCC	217	58	M
DR010023A10D10	GCACAAGTCATCTTGCAAGGCTGC	CCAGCTTCTAGTGGTTCCAAGAG	343	58	M
DR010023A10E04	CTGGCTACTGAAGGGATTGTCAC	CTACTTCATGGCTGGCAAAGCTG	160	58	M
DR010023A10H01	GGACTTTTGAGAAATGAGAAGATTGG	ATCAGCGAAGCTCACTAATCTACC	195	58	M
DR010023A10H11	GGAATAACTCCAGTGTGTCCGAC	GAAGTGTGACAGGTCCCTTGCTC	422	58	D
DR010023A20A10	AGCCTGAAACTGGTAGGGAACCA	CTCATGTGCTGTTACCTGCAATGC	109	58	RH

DR010023A20B07	GAGGAGCAGATGGAGTGGAAGAG	TCTTCCTTTCTCAGAGACAAATGAC	478	58	M
DR010023A20C08	GCAAGCCACTTTCAGGACCTCAG	GCACCTTCCCTACTGCTCATCTC	218	58	M
DR010023A20D08	CTAGTGCTCCAGGTCACGTTTCT	ATAGTCTGCTCGGTCACGTAGCT	280	58	M
DR010023A20F01	GGAAGGATTCAGGTGTAAGTGGTG	GGAAGTGCCAAATGCTGAGGAGA	238	58	D
DR010023a20f05	GTGCTCACTTGTGCGTAGATGCA	CTCCGTCAAGAAATATGCCAGGC	289	58	M
DR010023A20F07	CCGTGTGACATTTTCGCTCCTGT	TTTACAGGAGTTTGCTATACATAGAC	214	58	F
DR010023A20F09	GTCTTTCCTTGTAGTTCTGTAC	AGGACAAAGACCTGCCATGCCAA	217	58	M
DR010023A20F11	AGTGAAGAGGACATAACGGAGTTC	GGAGGAATATACACACTTTTAGCCA	303	58	M
DR010023A20H07	GTATCTGACAATTTCCCATCCTAG	CCTTGATGAAGTTTGGCAAATAGTAC	287	58	M
DR010023B10A07	GAGTTCACACAGGAGAGAAGGCT	CAGCTGCACATTCTTCCACTGTAG	392	58	F
DR010023B10B08	TTGTGCTGACAGGAGGTGCCTTC	GAAGCTCGCAATCAGTTGGTTCTG	252	58	RH
DR010023B10C06	AGTTGGAGACTTCTATAAAGGCTG	CCAAAGCAAGTCAGATGGCTCAAC	324	58	M
DR010023B10D05	ATGTCTTTTGCCACCAAGCCTGG	CCACTTTCCTCTGAGCATCTCAAC	247	58	M
DR010023B10D08	AGGTTTTATGGCTTTTCCCCACATT	GTCGCATGTTCTACTACTGAGC	171	58	M
DR010023B10G09	GACGGTGCTTTCCGTGTCACATC	AGCTTACAAGTGACAGCACAGATC	493	58	D
DR010023B10H04	CTCGAGACAGAACGTTATCAGTGG	GGTCAGCCTTCTACCAGCATG	336	58	M
DR010023B10H05	GCTCATGTCATAGCCGTCGTTCA	GTGCAAACCTCTGAAAATGGTGAGC	250	58	M
DR010023B10H12	GACGTACCCACTGCTTGCTTAGC	ACTCTGACCTATCAATATTCACTGC	382	58	M
DR010023B20A07	ACCACCGTGTGCTGGAACCTCT	GCTCGTGGTCTACTGGAAACCTG	140	58	M
DR010023B20B04	CAGGCAGCTTTTTCTCTTGACAGC	AACAGCAAACCTCAGGTCCCGC	276	58	M
DR010023B20C08	CACCAAACCTCCACTGCTCCTCAT	GACTTCTATGAGGAGTTAGGCAGT	294	58	M
DR010023B20D03	CCAGAAGATGCTGACCTGTGAGC	CTCCAGTCTTGTCCCTCATAATGG	287	58	M
DR010023B20D05	TCTCGGTATTTGGAGAGCATCTAC	CCTCAACTCTCAGGTGGGTAGG	265	58	M
DR010023B20D12	GCCTTCCTCAATTCATGTCCAGC	GCCTGGTAATTTTGGTTGAAAGCTG	434	58	F
DR010023B20E07	CCACTTCCTTTGTCAACCTCGAG	AATCTCTGGCAGATGCTGAGCAC	505	58	M
DR010023B20E10	AAACCATCACAGTAAAGAGGAGCC	GTAGAGTTTCCCTATACCCGACAC	338	58	F
DR010023B20H09	TGGACGCCTGGTTCACAGCTTTT	GCAGCACCTATTCTTGTGAGGAAG	422	58	M
DR010024A10C01	CATTTGTTGGGGACCAGATGGCT	ATTGACTGAGCCACCTAGGCAAC	474	58	RH
DR010024A10C11	TTCCGCATACTTCTTGATCTTAGCT	GTCCTCTTTCCTCTCAAGGTCTC	162	58	M
DR010024A10E04	ATGTGACCGAGGCTTTCAGTTC	CCGCTTATCACTTCTCTGTAGGG	156	58	M
DR010024A10E05	GACCTACAACCTGATGACTTCTCG	CAGGAGAAAATCTTAGGTGCTGGT	330	58	M
DR010024A10F09	GCAGCCACATTTCTCAGGGAAAAG	GCATACACACTGTGCCACCTCTC	277	58	M

DR010024A10H02	TGGCTCCATCCCAGGACCCTTA	TAGGGATGGAAAGCAAATCAGTGG	239	58	M
DR010024A10H05	GTGAGTGGATCTCATCTGCTTTGG	GATATACGACCGTCAAAGCAGCC	474	58	D
DR010024A20A06	GGTTGTAACACACCATTGGTAGAC	ACAGGCTTGAACGCTAAAACAAGG	415	58	F
DR010024A20C02	TGAAACTGACCGTTGGAGGAAGC	GGTGACCCTAGAGAAACGACAGG	246	58	D
DR010024A20D04	AGGAGAAGCACTGCTCAACCTGG	CCATAATGTGGCAATCCAGCTTCC	120	58	RH
DR010024A20D07	GCCAACCATTTAACCTCATCCTAAG	CTGGTCAAGGGAGTAAGTGTATCC	222	58	M
DR010024A20E01	TAGTGGTTTCTGATACCCTTTGGAA	CAATGTTTCCACCTATCTTTCATGC	373	58	M
DR010024A20E12	GCTCAGACTCTCTGGTTGGGAAT	GGATGCTCAAGGACTCCGTGAC	271	58	F
DR010024A20F08	GGTGTATTATGGACTTTTCTCCTAC	ATGCCAGCTTTCAGAAGTGCAGC	485	58	M
DR010024A20G01	GGTAGCATTTGCCAGTTTCCGTG	GCTGCTCGCCATCCTGATTAGAG	387	58	M
DR010024A20G11	AGCCTCACAGTTACTACGGTTCC	GACATTGCGTCTGGCATTCTGAG	419	58	RH
DR010024A20H07	TCCTGAAATCGCCTTGCCAGCT	CCAGGCAAGGGTTATCCATCAAC	413	58	D
DR010024B10B12	CAGTGACCCAAGGTAGTGAGAATG	TTACCTGATGCCTGGGTTTCACC	290	58	M
DR010024B10C03	GGCAACAAGATCTCTGCTGTCAG	TCACAGTGCTCAGCCTCCAGGA	342	58	M
DR010024B10C09	GGTAGCCTTTCACAACCTGAATGC	AGAACGACCCTTGAAATCCACCAC	227	58	RH
DR010024B10D07	AGCTGTTCTGGTCTCAGTCATGC	GAGGCTATGGAAGACTGTACAG	254	58	M
DR010024B10D08	GGTACTTTGCATGGGAAGACAC	CTGGATTTCCCTTCGATGCTATGG	214	58	F
DR010024B10E11	GCTTCTCTGATCTTCTGTCCATC	CTCTGTAGGTCCAGAAGGTCTCC	277	58	M
DR010024B10G08	GCTATGGTCCAAGGAGATACAGG	GCCTGGAAATTCTAGCCTTGTGTC	211	58	RH
DR010024B10G11	GCTACAGTTTAGACTCAGCCTATC	CAGGATACCAGTCAGCCAAAGCA	342	58	M
DR010024B10H10	CTGAAACACCTGCCGCTTAGACT	GCCTTTGAAACTGGCTTGGACA	282	58	RH
DR010024B10H12	TGAATGAGGCAGACACGAAAGAAG	CGAGACAGCAAAGCAACATCCC	434	58	F
DR010024B20A05	TCCATTGTGTGGGCTTGTCTCAG	GCTGCTAAGACATACTGAGGACAG	203	58	F
DR010024B20A08	CCTTGTGTGGGAGCATGTTTAGTG	GAGAATCTCCAGCAGACTCTGTTG	441	58	M
DR010024B20B10	TTGTTAGAGGGCATGACGACTGC	GCAAAGTACAGATCTAGTCACTCC	202	58	M
DR010024B20C02	GCCCTTTGTCAAGACCCAGGAAT	GAGAGAATACTGAGCAAGGAAAGC	301	58	M
DR010024B20C10	ATCCCTGCTCTTTCCTTCACTGG	GGGTTACAAACCACATTGGTGCTC	146	58	D
DR010024B20D07	TCTGGATGACACCGCAGGAACAA	ATGAGACGGTGTCTGTAAGGCTG	313	58	RH
DR010024B20D08	GCCACAGTAAATCTGATTATAGCTC	ACTAGCAGAGTGCCGACACATG	393	58	D
DR010024B20F02	GTTTTTCTGTGTTCTGGAGTAAGG	TTGGTCTGGACACTTTTTTCAGGATG	165	58	M
DR010024B20H03	TGGAAACTGCTCGGTGAAAGAGG	GGCTTTAGTCTATTACAGTTACAC	244	58	M
DR010024B20H08	ATTGGTAGCCGAGAAGGAGCGTT	AATCCGTAATGGTCTTCTTGTGA	173	58	D

DR010025A10A01	GCCCAACACAATGGCACGTATTAC	AAGTAGGCTCCACAACCAACACG	327	58	RH
DR010025A10A04	CCATTTGGAGCATCTTGTCAGGC	GTCCGTGCTAAAGCATTTTCAAGC	368	58	M
DR010025A10C12	GTTCTCTGCCTTTAGATCCGCGT	AAAAGGACTAGCCAAAGCAGACATT	285	58	M
DR010025A21A07	GCATTCAACCGTGAGAGAGGTCA	CTCTACTGACTAAGTGAGCCAGG	268	58	RH
DR010025A21B04	AGAGCCGCACAGCATCCAGAA	TGGACACAGCAGAAGCACCTCTG	352	58	D
DR010025A21C03	CTGCTCCATACAAAACAACACCTG	TTCCAAGAGCACTTGACCACCTG	321	58	D
DR010025A21C04	CCTCGCGGTAATCTCAGGCAGG	AGTCTGTGGAAGGCTGCACCAAG	341	58	D
DR010025A21C07	TGCTTTTGGCTCTTGGGAGGCAT	TGAGCATCAGCTTATGTTCTTGGC	303	58	M
DR010025A21C09	ACGTGTGAAGGTCCTCAACAGAC	AAGCAGAACCCAAAGAGGCACCT	138	58	D
DR010025A21C10	CTGGAAGGTCTTAACTGATGCAGG	CCTGCTCACTGACCTTTGGGGA	204	58	RH
DR010025A21E08	GTGAGCGAATGAACAGGTCCTTC	TGCCATCACATCCTACACCCACT	269	58	RH
DR010025A21E10	GGCAGGTTAGTAGACCAAGATGAC	GCTGTCCTGAGCGGCAAACTAC	363	58	M
DR010025A21F02	GCTTAACGACACTGAACCGTACG	AGCATCTGCCAGCACCTGCCTT	174	58	D
DR010025A21F05	TGCTAGTGGAGCCACCTTGACTC	TTCTGGCTGAAGGATGACAAGTT	410	58	D
DR010025B10A01	TTGTGTGGGAATGATTTTCAGGAGG	GGAGTGATTTTCAGCTCATAACAGC	316	58	M
DR010025B10A04	CAGGCTCTGGCAATAGTATCTCAG	CATACACATACTCCCCAGATA	381	58	RH
DR010025B10A10	CTCGATCCATTGGTTGGGCGAAT	AGAACCAGAGGAAGGGCTCAATC	267	58	M
DR010025B10C05	TGTTTTCGGAGGTGTTGGAAGCAC	ATGTGGTGACTCTACGATGGCAC	327	58	M
DR010025B10C12	AGAAACAAGTGCTGAGGGAATCAC	GATACCAAGAAGTGGGAACCTGG	232	58	RH
DR010025B10E07	AGACGCACAGAAATCCCAGGTGT	TGAATGGGTTGCCACTGTGGCTT	239	58	RH
DR010025B10G01	TGCCTCAGTCCACAGCTGGTATC	ACAACCACGAGATGAAGAGTCGC	287	58	D
DR010025b10h01	GAGGCGCTATTTTTAGGAGTGGTC	CCAAACAGTGAGCAGATACCCAG	294	58	M
DR010025B20A01	GAACGGCATCATCCAAGACTCTG	CACCACACAAAGAACTCTTAAATCC	239	58	F
DR010025B20A11	AAACAGCCACCAGTGCTTCTGAC	AGGAAGCCAGGCTTACGGGTC	388	58	RH
DR010025B20B05	AAGTTTCTTTAGTGTTCAGGCACC	GAAGAAACACCCTGGCAGCATCA	123	58	D
DR010025B20B12	CTTGCTCTGTGGGACGTTCTTC	TGCCATCAATGGGGTTCCACACA	134	58	RH
DR010025B20D01	GGTAGGAACTTGGACCACTGGAT	GCCTCTGGTATAAGTGGAACCAC	149	58	M
DR010025B20E03	AGGAGGTGGTTAGGCTGCCAATC	CCTTCTCCCTGTGTCCTCACATG	310	58	M
DR010026A10A01	GAGAGGGAAAAGTTAGGAGTGGG	TCTCTGATGGCTAACACCAACC	305	58	D
DR010026A10B12	ATGCTGGAGGTTGTGAAGTCCTAG	CTGCATGTGAATCTACAATTACCTC	311	58	M
DR010026A10C04	TGGTATCAGTGGCACGCTTGTC	GCCCTCTTTGTCAGGATTCAC	416	58	RH
DR010026A10D11	GACACCTATGAGTGACAGAAGACC	GCTCATCTTCAGAAGTGACGACG	358	58	M

DR010026A10E02	GAAGGCATCTTCACTCTCCTGGC	CCAGCGGTATCACACAGAGAACC	219	58	RH
DR010026A10E10	GAAGCGAGAAGGCTGCGTCCTT	GTAAAGGAGTCCAAACACATGACC	210	58	M
DR010026A10H01	GACTGAGGTCAAAGTGGAGATGG	CAGAAGATTACATATGCCAGGCA	395	58	M
DR010026A20B09	GGGAGTATCTTGGTGGCTATCTAC	CTAGTTGTCTCAAACACTCAGAGC	177	58	F
DR010026A20B10	CCTACCAAATTCAGACACCTGTGA	ATAGTTGGAAGCAGGTTGTCATGC	236	58	M
DR010026A20D08	GTGTATAAGCCAGAATGTCTGGAG	GGGTTAAGTGTACAAGTTTGGAGC	212	58	D
DR010026A20D12	GAGGAGGTTGAAGCGAACATCTAG	CTGCCTAAACAAGCTCATCTATCC	520	58	M
DR010026A20E06	TCGTGGCAAGATGAGCATTCAAGTG	AAAACCCCTGCGGTTCTCCACT	471	58	D
DR010026A20F02	GCTGCTTCCCAGCCTGGTTGAA	GCCTTTCAGTCATGAGCAGCTCA	301	58	F
DR010026A20F07	GTGTCTTGTGCTTTGTGGCAGG	CTGGGTTGGATGATACCTGTGCC	228	58	M
DR010026B10A03	TTGACTTTGAGCTGAGGTGGGAG	GCATCTATGAACAGAAGACCAGTC	475	58	M
DR010026B10B04	GTTGAACTCCAGGTCCCATCTATG	GTGGGAGAAAGAAGGACATAGCC	357	58	M
DR010026B10C04	CTCCCTGACTGTGAGAAGAGCAG	TCTTCAAGCCCAGAGGCAGTTTC	295	58	M
DR010026B10C11	AGACAGACCCGAGGTTCCATCAC	CGTGGCATTTGAACGCTGAGAGC	259	58	D
DR010026B10D06	CTCCTTTGCTGGTCCGCCATTG	GCAGCACAATCATTGAGGAGGAAC	523	58	F
DR010026B10D10	CTTCTCTGTGACCCTTCATAATCAG	CTTGGTTTCTGCTCCGCTAGAGC	405	58	M
DR010026B10E09	TACTGTTGTGCGCCACCTGTCATTG	GAAAATCCTAACATAGGCAGTTTGC	306	58	M
DR010026B10F01	TCCTGGACTACAGAAGGTAATGGG	CAGGTTTATTCCTTAGCCACATCAT	424	58	M
DR010026B10F12	GGTAGAGAGGAAGGAGGTCAGTG	CTAGCATGTGATTAACAGACTTTCC	322	58	M
DR010026B10G01	AGTAGTGATGTGAAAGATTGGCATG	AAGGACAGTCCAAAAGATTCTGCC	335	58	M
DR010026B10G05	CTCCTGATGGAAAAGTTCTGTGCC	CCATGAGCATCCATTCCGGGTACC	484	58	F
DR010026B10G08	AGCCTGGATAGAGCCTACTTCGT	GAGGCAGATGTTACCTTACTGACC	235	58	RH
DR010026B20A01	TAGAACCTCGATTAAATGATCCTCC	GAAGAATCTTGCCTTATCCATACTC	213	58	M
DR010026B20A09	GCGGCGTTATTTTGCAGTCTGAC	GAACACCAGCTACCTCTACAGAG	216	58	D
DR010026B20B12	TGTTTTTATGAGGAAAAGAACCTTCC	GAATACCCACACCAACCACCTGA	227	58	M
DR010026B20C11	GCCTTGCAGCCTAAAGCTACTCT	TAGCCTCCAAGTGTGTCTGATGC	352	58	M
DR010026B20D11	GAGGCTGGAGTATCTCATCCTTC	ACTTAGCCATCCTGTCCTGCTCA	230	58	D
DR010026B20E06	CAAATGGCATCCACGGACCAAGA	TCTTGGAAGAGGCGTGGTGTTT	314	58	D
DR010026B20E09	GGTGATTGTCCTTTGTGCTGGAG	AATCGCTGTGGGCTCACCTCTTG	235	58	M
DR010026B20E12	CTGAGCTTTGGTTTCTTAACAGGC	CCTAGCATTCAGCACCCAGCTTT	413	58	M
DR010026B20F03	CACCTCTTCTCACCCAACATGC	CAGTGAATCCAAGGAAACCTCC	362	58	M
DR010026B20F06	CGGAAACCGCCGCTATCTGGG	ACCAGCATCTCCTCAAGCTCCAG	382	58	D

DR010026B20F12	GTCCATTCAAACGCTTTTCCCTCC	GCGTTTTAGTTCCTAGGTCCTGA	237	58	M
DR010026B20H02	AGAAACACAGCCACGCGAAGACA	ACGCTTCCGAGTCTCCTGTGATT	201	58	M
DR010027A10B01	CTGAGAAGCACTTGTGGGAATGC	GAGCTACAAATACTAAACAGTCAAGC	377	58	M
DR010027A10B02	CTATCTCTGGGAAAAACGGCTTCC	TCCGCATTTCTCTCCTCTTGCCCT	414	58	D
DR010027A10B03	GACTATGGCTTTCACTCTGAGTAC	ATGCTCCACCAACTGAACCAGCC	338	58	D
DR010027A10B04	GATGCCTATTGGTGGATGAATGGG	CCAGCCAGGCATCCATTACTCTG	471	58	F
DR010027A10D07	GCAGAACTGTTTTCTCTCCTTAGC	AGTCCCAAGGAAGCAGTTTGCTG	293	58	M
DR010027A10D10	GTGAGGGTTCTTCAGATTTGGGC	ACTCATCTGCACGAGCCTTTCCA	317	58	RH
DR010027A10E01	TTCTTGCTGTGCACCTGCTTGAG	CCCAAGAAGTCACTTGTCATGGAC	243	58	D
DR010027A10E05	TGGCTGGTGACACGAGCAACAAA	TCTGGATAGGACAGGGAAGTGC	154	58	M
DR010027A10F05	AGCAGGAATGGTAGAGCTAGGGA	GCAGCTTATCATCTGAATGTCAGC	150	58	D
DR010027A10F11	AGCACAGATCCTGTCAGCAGGTA	ACCAGTCTTCTCCCTGCTAGTA	359	58	M
DR010027A20A09	CTATGGAGAGCAGTGAAGACTGTG	CGCTATGGTAATACTATCATTACGC	519	58	M
DR010027A20B03	GGAATGGTGTAGTAGCCCTGGAC	GCGTTAAGTACATTCAATCTTGTC	130	58	M
DR010027A20B09	GCTGGAATCATCGAGTCAGACAC	CCACTCTTACCTGCTCCTGATTC	553	58	F
DR010027A20C07	GCTTTCTTTGCCGTAACGCCAG	CCGACCTAATTGTGGTAAAGCAAG	333	58	M
DR010027A20C10	TTCTGGAGTCAGACTGCTTGAGG	ACCTTGGCTGAGGTTCTCCTAATG	426	58	RH
DR010027A20E02	AGCGTGTTGGAAAAGACCTGAGG	CCATGTTGGAAGCACTGAGATGC	267	58	M
DR010027A20E04	GTGGAACGTCTTAGCGATTGCTG	ATGAAGCCCACATCTCGTCCTAC	174	58	M
DR010027A20E12	AGGTACAAGAACAACCTCTGGCAG	TAGACTGCTGTGCAAACACCACC	357	58	M
DR010027A20F08	CTTTAGCCCTAATCCTCCCATATG	ATCACAGGTTCACTGATGTTAGATG	216	58	M
DR010027A20G12	CTAGTTGGTCTTTATTGTTGCCTC	ACTCTTACCAGTGTGGAGCCTG	456	58	M
DR010027A20H05	ACACAATGGCACCAACGGAGAGT	CGTAACCAGGAACAGCAGAGTTC	471	58	RH
DR010027B10A07	CTGGAGTCTACTAGGTGTTGCTC	GGCAATACAGACCTCCTGCTTAC	112	58	RH
DR010027B10B05	GCTTACCTAGATGGAATGAGCCTG	ACACACGGATAGGGGTCATAGCT	330	58	M
DR010027B10C06	CGAGGTATACACAGGTGAACGTG	ATCGGAATCACCTGGAGTGCTCT	404	58	M
DR010027B10C10	GGAACCTAAGACCGTGGCTGAAA	CGAGGCACAAATTCAGTCGTTT	240	58	M
DR010027B10C11	GGATATTCCAGCTGCACTCGTCC	CAGAGAACGTATTGACAGCATCCG	214	58	M
DR010027B10D03	GCTGATTGCATGAGGCTAACTCAC	CCCAGCCTAAATCGCTATTCAGG	368	58	M
DR010027B10D06	GGGCAGTAAAAAGTGCTCAGAGC	GTCAAGAGTTGCATCCTCCACTG	529	58	D
DR010027B10D08	TGGCTTTGGACAAATCGCTCACC	TCTTCTACCCACCAAATCCTATG	226	58	M
DR010027B10E05	GAGCTGCTACAAGTGAGTCGTAC	AACGGCTCATATTTTTACCGAACAC	213	58	M

DR010027B10E07	CGCTAGTTCCAACCACGTCATTG	CTCTCTTCTCCTGTGATCCTCTG	159	58	RH
DR010027B10E12	TCTACGGAAGACAAGACCATCGC	GCATTCTAGGCAGAGGAAGCAAG	364	58	RH
DR010027B10F03	TGCCACTGAATCTTGCCTGGAGC	GGAGTTGGTTGACTCAGAGCTTTA	317	58	M
DR010027B10G03	TCCTTCTACAACAGCAACCTGCC	TGGTGCTGACCAGGTAGACAGTG	130	58	D
DR010027B10G06	CGACGGAGAACAACAACCTGCGAAG	CACCTGCAAAGTGTTTCATCCTTCC	102	58	RH
DR010027B20A03	TAGCAGTCACTCCTTGCCTCACA	TCAGGAAAGCTCCTGCTAGATCC	426	58	D
DR010027B20A09	AAGCCAGATGTCGCATACCAACG	CCAATGTGCTGACATGCAAAGGG	162	58	M
DR010027B20B05	GCTAGGATAGGTATGTCATCTCCC	AGACTTCCAGCACAGGACTCTTAG	280	58	RH
DR010027B20C03	CACCAGGCTCTGTGCCAAGCAC	TCCTAGTACCACAGAGCCTTTGC	303	58	D
DR010027B20C09	TTGACCAGTCACCCAGCCTGTTT	GACCTTCAGGATAAGAGTGTGGAC	259	58	M
DR010027B20D12	GTCTGTCCGTTTCCTTCACTGCT	GTCACATGCTGTACCGACTGAGC	299	58	RH
DR010027B20F11	GGCTGCATTTGTTCTCTGTCCAG	GGACAGTTCTCAGATCACCAAGG	322	58	M
DR010027B20G03	CTCATTCTTAGAACTTCAGCGTT	GCTCCTTGTTTCATGCCAGGCTT	466	58	M
DR010027B20H03	GGAAAACGTGAGGTTTACTGGAGT	GAGTTCCTCAGAAAATAAAGAGCC	495	58	M
DR010027B20H05	TCTCAAACCTGCCTGGCTCATAGG	ACCATTCCGTGTGCTCCTGTCTAC	223	58	RH
DR010028A10A12	GACGGAGAGAGTGCAAACAGGAG	CACAGGAGTGATGCACCTCTTAG	241	58	RH
DR010028A10B04	TCATGGACTGGAATGCAGCTAGAA	CAAACACTTCTAGTTTGGGTAAAAGC	270	58	M
DR010028A10B06	CGCTTCTGCTCTCACTCGGTATC	GTGACTGCATTGCTTTGGCTTCTG	424	58	M
DR010028A10B12	CCTGTAGTCACTGTTTCCTTCCAC	ATTGTTGACAGGTCAACTGAGATGA	339	58	M
DR010028A10C03	GAGCCTCCAGAAGGAATGCAGTC	CACTTTCTTCTTGCCTCTCATTC	392	58	D
DR010028A10D08	TCAGTTTGTGGGACGGGCAATCC	CTCGGTGTGCTTAGCTCAGTGAG	328	58	M
DR010028A10D11	TAGAAGTCAGAGCCCCTCCCTC	GGGAAGGGATTATATCAAGGGCAT	332	58	RH
DR010028A10E07	GATGTGCTCATCATCTGACCAACC	GCCGCCATAGATGATGAACCAAAG	458	58	M
DR010028A10E12	CCGCTCGAATTCCTTGTGTTGGG	CCACATCCTACAACCTCCTGGAATG	540	58	D
DR010028A10F03	TAACCCTTGAACCTGCACGCATTC	ATCTTCGCACTCTGAATACAGCAG	335	58	M
DR010028A10F04	GGCATTTCAAACTTTACCATCTTCC	AACTGAGCCAAGGCACCGCAAAG	515	58	M
DR010028A10F12	GTGCGTGAATGTGACTGCCTCTA	ATTGGCACACACTGAGCGACTCC	335	58	M
DR010028A10G07	AGGACGCAGCTCCCTGTTTCATG	CGTCACCGAAATGCCAGGAGTTT	321	58	D
DR010028A10G09	GAGAGCACCAATTGGTCTGTGTTAG	TCACGGAGTCCACAGGATTTTGC	276	58	M
DR010028A10H02	TTCTGTTTCAGGTAGACTTCAGCC	GGTAGCTTCATTACCTGTGCCAC	267	58	F
DR010028A10H11	ACACTCACCTGGGTGAGTTAGG	GGCTCTTTGTTGGTGCCTTCTTA	185	58	M
DR010028A20B02	GCCTACTATGGACTGTGAACTCC	TGCAATCCCAGAGCCAACCTCCC	378	58	D

DR010028A20D02	GGTCCAGTTAAGGTTTGGTAGTGC	ACTTCATCTCTGAAAAAGCAGGCAT	310	58	RH
DR010028A20D03	CGGAAAGCAGAAATGTTACAGGACT	CTGACAGATGGCTGTTTTCTCC	229	58	M
DR010028A20D11	CACCGAAGGAGAGTTCCAGTTGC	CTCAGAAACTGGTTCCATTGGGAC	228	58	M
DR010028A20E03	GCCATAAAACCAGGGATCCTACTG	ATTCACCCTCCAACCACTGCTTC	390	58	F
DR010028A20H05	TTGACCTTGGCAGTGGTATTACGG	CCCTTCATTCCCCTGCTCACTC	250	58	M
DR010028B10A09	TGCTCCAGAACTCGCTTCAAACG	ATTTGCAGACTCACCTGAATTATGC	357	58	M
DR010028B10B04	GCTTGTATGCTGTATTGAGAGGTG	CCAAGCTAAAACCATGACTTTCCAC	198	58	M
DR010028B10B05	GTAGAGGTTTGGTAAAGGGACCAG	CAGAACTCTCACACTGGCTCACC	106	58	F
DR010028B10B06	CCAGGATAGTTGGCGAACATCAG	TGCCTCGTAAACCAACAACACTAC	425	58	M
DR010028B10C02	ATTCTGGCAAGACGAATGGTGATTA	GGTGTCCAATGAGTTGACTCGTAT	220	58	M
DR010028B10D01	GGTGTCAAGTAAAGAGCTCATCC	TCTTCCAGCTCTCCTGTGTGACT	465	58	M
DR010028B10D05	TCATCCCTTCAATCTCCTCAGAC	TAAGATTGCCTGTCTGACACCTAG	265	58	M
DR010028B10D06	CTTTCTTCACAGTGGACTTAGGCC	GCACATAGGACTGTGGAAAGAGAG	173	58	M
DR010028B10E06	TTGAAATCTCTCCTGTTGCTCCG	AACCAACTGAGCCACTCTAGGTG	399	58	M
DR010028B10F03	CCTGTGTCTAACTGCCAGAGATG	TGCCCTGAGAGGTGCTGTAAC	248	58	M
DR010028B10F08	GTGAGAAGAAGGTTTGCAGCACC	GCTGAGATCAAGTTGGACGCCTA	242	58	M
DR010028B10G05	GCAGGATTAGCTGAGCCAACCTCT	TTCAGGGCTAAGGTATGGAGCAC	361	58	RH
DR010028B10G11	GGTCAGTCTAGAGTTGGCTGCTA	GAGTCTGTGCAAACACTGATGGG	312	58	M
DR010028B10H08	TCAGCATCACACTGGAGGCTCTA	CCCTTCCTTTAAGTTCTCCCTAGG	306	58	D
DR010028B20A01	TATCCTGGACAGGGAGCCAAGTA	CTCTACCAAGTGAGCCAGCAAAG	332	58	D
DR010028B20A04	ACCTTGACACTGTTGCTGCTCCT	ATGCCGAATGTGGAACCAGCCAT	231	58	RH
DR010028B20B10	ACTCAGCAATGCTCCTAAGGTCC	TGTCTGGAACAGCAATAGCCACG	125	58	M
DR010028B20B12	TTCTCTTCAAGGAAGCACATCCTG	GTAGGTTTCACGCACTGCTCAAG	368	58	M
DR010028B20C05	CTCTGCCTCAGACTGCTTCCTAG	CTACGATGCTATATCCACTGCAGG	358	58	M
DR010028B20C07	GCATTGGTGAGCAGGTATGGAGG	CGCAGTTAGCATTCACTACTTTCC	299	58	M
DR010028B20C11	AACACTCTTCTCAACCACATCTGG	AGATGGAGAGAGGCTTCAAGTGC	258	58	D
DR010028B20D03	AAGGTCAGGTGAGGGAAATGTCC	GTATCTATCTGCCTTTGCTGAGCC	259	58	D
DR010028B20D06	GAGGCAAAGGAAGAGCACAGTAAG	CTGAGAGGAGAAACAGTTCCATGC	108	58	D
DR010028B20D08	AGTGTACAGAGGGTATTTCTTAGC	TCATCCATATGCCTCTCAGAGGAA	278	58	M
DR010028B20D09	GGCTTTGTAAAGTAACTCAGCGGA	GAGAAAAGGAGCCAAGGCTATGC	431	58	M
DR010028B20E07	GCCTTCAATATGTTAGTGGTTCTGG	CCATCATTAACGCCTGAACAGAAC	202	58	M
DR010028B20F06	CATCATTTGATCCCGTCAGTTTTAG	CTCAGGAATAACAGCAGTGGACC	383	58	M

DR010028B20F09	GGTCTAACTCCAGGAGAACAATGG	AGGTGCTACACAAGACCCATCAC	212	58	M
DR010028B20G04	GCTCTTCATTGCTCAGGAGGAGG	TCCTAATGCCAGGTTACAGCAC	257	58	M
DR010028B20H07	CCTCTTCATTCTAAGATGAGCCAG	GGAGAGGAGAAACAGTCTGGGTT	295	58	M
DR010029A10A01	CGGGAACTATACACATGGTCGCA	CATGCTCCACTGAGCCAGTCAC	366	58	M
DR010029A10A07	GGCTGTCAACATTCCTGAGCTTTG	TCACAGGCAAGTGTGGCTGCTAA	324	58	M
DR010029A10B08	GTGGAGGTTGATGCTACAAGGAC	GAAACAGAACCAGGTGACTGCAG	153	58	RH
DR010029A10C02	ACCAATAGCAGTTAGGTTCCAAGC	GACTAGCACATATACTCAAAGTCAG	379	58	D
DR010029A10C12	CAGAGGACCACACAAGATGCTGG	CTAGCCAAGACACATGCCCTGG	405	58	M
DR010029A10D03	CCTTCTCAGGAACTCCATTTGCC	ATCGTCATCTGGAGTCTACAGGC	617	58	F
DR010029A10E01	CCACTACTGTGTGAAGGTTGAGG	CCTCCTTGACTTCTTTCCAGCCT	142	58	F
DR010029A10E05	AGTTGCCTTTGGAGAGGAAGCCA	GTCCTATCCCATTACCTGGCATG	191	58	RH
DR010029A10F03	ATGCCTGGTTCTGTCAGTGAGGA	GAGGCAAGTAGTTACACCATGTGG	103	58	RH
DR010029A10F11	GTGAAGATGCCAAGAGGACAATCC	CAGAGGGAAAAGAAGATGCCTGG	223	58	D
DR010029A20A11	GCACTCTCCTATCTGTTCAGGGA	CTGGAGACCTTTGACTCTGCCAT	200	58	M
DR010029A20B06	ACCGTTCTGTGTGGCGTCAAGTA	CATCTCAGTGCCTGGACCGTTTG	318	58	M
DR010029A20C12	AAGACAGGAGTGACACGCCAGAG	GAGAGTTTTCTTGAAGATGCCAC	268	58	F
DR010029A20D02	GCTTACATCCTTGTGAGTTGAGCC	TAGGACCACCTAGATGGCTCTTG	252	58	M
DR010029A20D05	CACAACGTAGACTGCAGCCACTT	GGTCCTACGATGGCACCAATAAG	304	58	M
DR010029A20E01	GCATCTGAATCGTCCTATCCTTGG	CTGGACAGGTCAGTTATCTGAGC	269	58	M
DR010029A20E03	AATGACCTTGCTGATACGCAGG	CACATACACATTTAACTTTTAAACAACC	413	58	RH
DR010029A20E06	CTCCGAACAGCTTCTGAAGAGCG	GCACGAAAGGTTTATGACGCAGC	536	58	D
DR010029A20F02	TGAGGAGGTGGCAGTCACTTCC	AGGAAACTGAGGCACAGAGAAGTC	296	58	D
DR010029A20F08	AGGTGCCAGAAGGCAGTGGATTT	GCAGGTATAGTGGTCACAAACTCC	141	58	M
DR010029A20F11	CCCATTATTGTGACAGGTTCAAACC	GCACAAGCATCTCAACCTCAGTAC	513	58	M
DR010029B10A06	CCATTTGTTGGGACTTTCTCAGAG	CTGGAACCTAAATCCAAGTGTGAC	373	58	M
DR010029B10D06	CCTTGATGCAAGGCTGGATCGTA	CTGTCACTGAAAGGAGATATGAGC	246	58	M
DR010029B20C04	GCAAGAAGACACAGCAAACAGGAG	AGTGACGGTCCCACTAAAACCAG	227	58	M
DR010029B20C09	TAGTAGAGGTGGGTGTCAGAACTC	GATGGCACACGAGAGTCAGACAG	225	58	RH
DR010029B20D10	TCATCCCGTGTGATCAGGTCTTC	GCTTTTTACATCATGTTAGCTCCTTC	414	58	M
DR010029B20E03	TGTGAAGGGTCTATAAGCAGTTCC	GTGCAGATCACAGGATTAGACTTC	295	58	M
DR010029B20F10	CCATTCCAGGGTTGAGGAGCATG	AAGACACTGCCATAGTCAGTTGTG	295	58	M
DR010030A10A02	AACTTTCCAGGCACAGGTTCTG	ATCTTGAGTGCGCGGCAACTA	236	58	M

DR010030A10A04	ACTAGCAGTGGAATGCAACCATTG	AGACCAGGACAAAGAGGCAGCAT	158	58	F
DR010030A10B12	CACCCACATTTCTTGAGCTATGG	CCTCAACTGCAAGCCTCTTTATCC	262	58	M
DR010030A10C11	GCTCATTCATTGGTTGGGCATG	CCACTGACTGTACTCGTTATGCTG	289	58	F
DR010030A10D12	TTGAAGAAGGAGCCAATGATCCAAA	CTCAAACCTGAGCCCAAGATC	194	58	M
DR010030A10F08	ATGAATGAGCAGGGCTGTTTTGCA	GACAAGTGTCAAACCTGGAGGGATG	427	58	M
DR010030A10F11	GTTACCTTGGTGACGGTTTGACC	TGAGCCACCAAACACTGCAAGCA	245	58	M
DR010030A10G12	GAGTCTTGCCTGGAAGCATTCG	CCTCACTCCATAACCAGCCAAGTT	282	58	M
DR010030A10H03	GGGATTATCAACATTTTCACTTGGAC	ATCCATGACATCAATTACAGCAAGC	423	58	M
DR010030A10H09	GCTCGTTCCATTTGTTGGGCGAA	TGGAGACTTCTGGCATAGCCAGG	157	58	F
DR010030A20C10	GGAAAGAGCACAGTTAGACACCG	GATGTCTCTGCTATCAGTCCCTC	298	58	RH
DR010030A20C11	TTGGTCTCAAGCAGCCGATGCTA	CCCGTTACAACACTCTTGTCCC	423	58	M
DR010030A20E05	CTATGGGTTCTTGGCTGTTAGG	CTGTCTACCTTCTTACTTGGAGGG	276	58	M
DR010030A20E07	GTTATGACACCATTTTGGGTAGGG	CATGTACAGGTAATACTCAAACCTGGC	142	58	M
DR010030A20E10	GGAAAGAGCAATGGTGAGTGAAGG	TCTTACGCTGTGGGCGGGAAATA	327	58	M
DR010030A20F06	GCTTCTTTCTGCCATGTCTCTGC	CAGGAAGAATCACTGCAATAGTTAC	262	58	RH
DR010030A20G04	AGCTCGATCCATTTGTTGGGCGG	ACTGGCAGTTAGCGTCTACTTCC	416	58	F
DR010030A20G06	TGGAGTACTGCCACATACAGCAC	CCCCTTCTTCCAGAGCCTCTGAG	337	58	M
DR010030A20G07	TCTCCTACACGAAGTCCCAGCAG	CTCCCTATCCAAATGCACAGACC	344	58	D
DR010030A20H09	GAGATTGACAGGCACTCCCCAAA	GTCATTCCATCCAGACCACCAAAG	302	58	M
DR010030B10B01	CCAGTGAGCCATTCTAAGACATG	GTCCATTAAGTCAAGGGTCTTCAG	426	58	M
DR010030B10B06	AGAGCAGTTGACATCTGTCCAGG	GATACCTCACAGGTAAGCCACAC	197	58	M
DR010030B10D06	AGGTAGGAGAAGCCTGGGAAGTG	GATCTCTGCTTAGAGACAATGTTTC	374	58	D
DR010030B10F02	CTGTTGTCTGAGTGAAAGCCAGC	TGTGGTAAGAAGACCTGCCATGAA	248	58	M
DR010030B10F12	GATACCATGCCAGATGTAAGCAGC	AGCCTACGTGAAGTTTGCCATGC	297	58	D
DR010030B20A11	GTGTGCCACACGCAGCTTTCCA	TGGGAGAAGGGCTCCAGAGTGT	196	58	D
DR010030B20B02	CGTTCTCCTCTTTTCAGGCTTCC	CTAGGTCAAGACAAATCACGTTTCC	213	58	M
DR010030B20C10	AAGGACTGGCAAGAGTTACCTCG	GTAGGTCCCCTGCTGGCTCCATA	389	58	D
DR010030B20D12	CAAAATTCCACCAACTAATGCCA	GCCCTCTCTGTCCAGGATTCAC	215	58	M
DR010030B20G08	ACGGTAAACGAGAGAAGCCAGAC	TTTGCAGACACCTGTGGAGCACC	204	58	RH
DR010030B20G08	GAGACAAAGTGAGCAAGTAAGCAC	TTCCAGCCAATGCAAAAAGAGAACG	488	58	M
DR010030B20G10	GTTGGGACTGATATGAATGAGAGC	CAGCCATCTTACAACAAGGAGAGC	406	58	M
DR010030B20H04	AGGTCTCAGGTGAGAGTATGCC	AGACAAGGAAACCTAGAGAGGCTA	406	58	M

