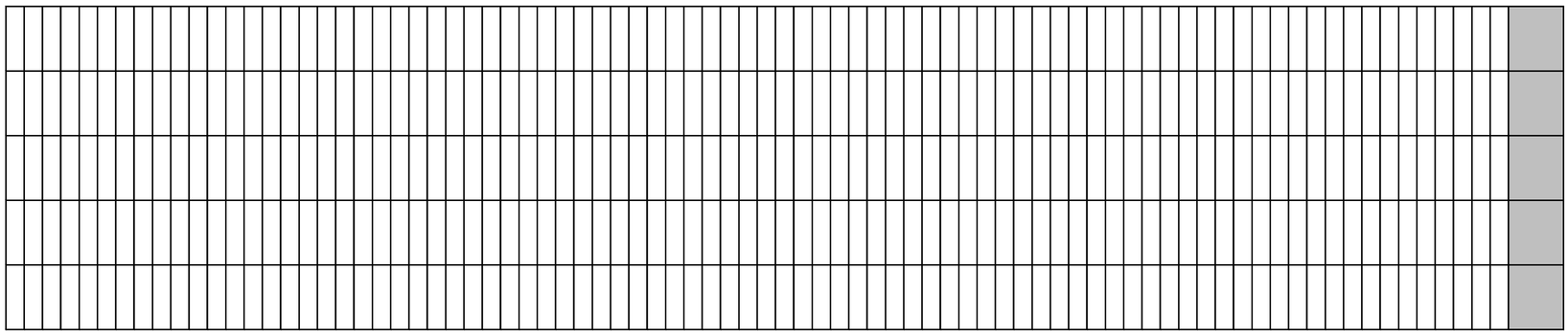
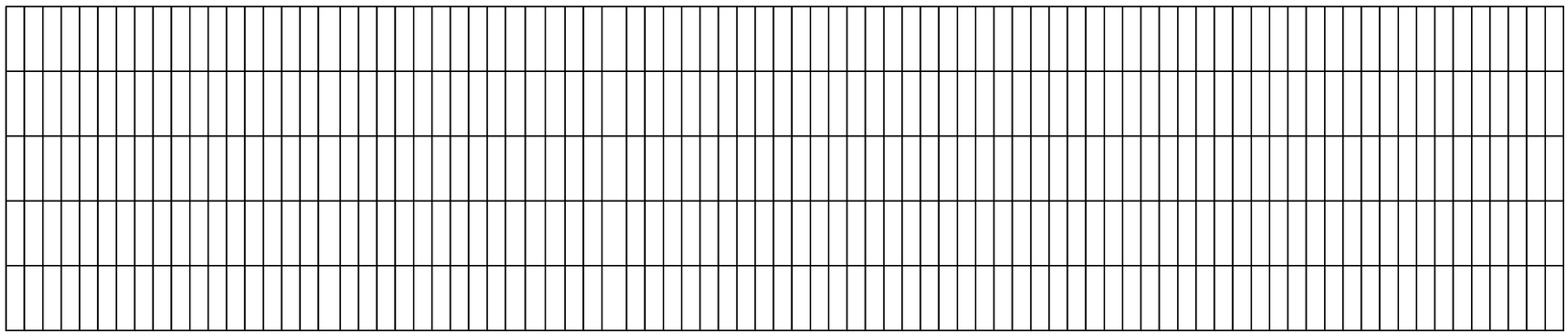
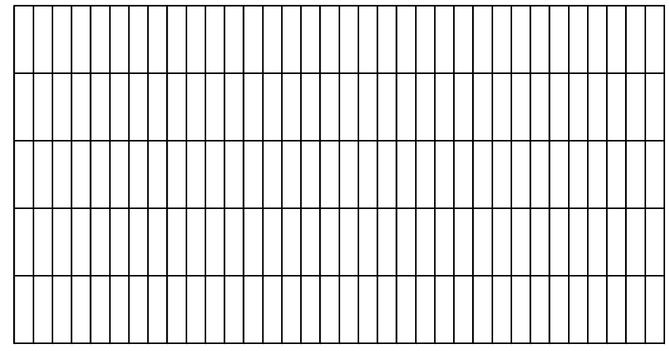
Assay ID	Gene Symbol	Mutation common name	Mutation Legacy name	Mutation cDNA name	Mutation protein name	SNP ID	NCBI cds annotation	NCBI protein annotation	Context sequence	wild type allele	mutant allele	NCBI Assembly Build	Location on NCBI Assembly	CFTR Control #	CE Assay	
C_201392609_10	CFTR	M1V	M1V	c.1A>G	p.Met1Val	rs397508328	NM_000492.3:c.1A>G	NP_000483.3:p.Met1Val	CAGGGACCCCAGCGCCCGAGAGACC[A/G]TGCAGAGGTCGCCTCTGGAAAAGGC	VIC	FAM	B37/hg19	ch. 7: 117120149	CFTR1	Hs00783186_CE	
C_191876963_20	CFTR	P5L	P5L	c.14C>T	p.Pro5Leu	rs193922501	NM_000492.3:c.14C>T	NP_000483.3:p.Pro5Leu	GCCCGAGAGACCATGCAGAGGTCGC[C/T]TCTGGAAAAGGCCAGCGTTGTCTCC	VIC	FAM	B37/hg19	ch. 7: 117120162	CFTR2	Hs00783186_CE	
C990000002A_10	CFTR	CFTRdele2.3_mu	CFTRdele2,3	c.54-5940_273+10250del2	p.Ser18ArgfsX16	hCV990000002	NA	NA	CTCAAATATACACAAGGCTTGTCT[-/MU]TTTACCCTGCCAAAAGCAAAATCTT	N/A	FAM	B37/hg19	ch. 7: 117138364	CFTR3	tbd	
C990000002B_20	CFTR	CFTRdele2.3_wt	CFTRdele2,3	c.54-5940_273+10250del2	p.Ser18ArgfsX16	hCV990000002	NA	NA	TTCATTTACATCTCAGCTCCTGAA[WT/-]GTATGGTTTCCACCATGTTCCTAAA	VIC	N/A	B37/hg19	ch. 7: 117138364	CFTR3	NA	
C_201385102_10	CFTR	Q39X	Q39X	c.115C>T	p.Gln39X	rs397508168	NM_000492.3:c.115C>T	NP_000483.3:p.Gln39Ter	GCGCCTGGAATTGTCAGACATATAC[C/T]AAATCCCTTCTGTTGATTCTGCTGA	VIC	FAM	B37/hg19	ch. 7: 117144368	CFTR3	Hs00291838_CE	
C___32295754_20	CFTR	E60X	E60X	c.178G>T	p.Glu60X	rs77284892	NM_000492.3:c.178G>T	NP_000483.3:p.Glu60Ter	ATTCTTTTGCAGAGAATGGGATAGA[G/T]AGCTGGCTTCAAAGAAAAATCCTAA	VIC	FAM	B37/hg19	ch. 7: 117149101	CFTR4	Hs00291840_CE	
C_200992880_10	CFTR	P67L	P67L	c.200C>T	p.Pro67Leu	rs368505753	NM_000492.3:c.200C>T	NP_000483.3:p.Pro67Leu	AGAGAGCTGGCTTCAAAGAAAAATC[C/T]TAAACTCATTAATGCCCTTCGGCGA	VIC	FAM	B37/hg19	ch. 7: 117149123	CFTR5	Hs00291840_CE	
C___64676210_20	CFTR	R75X	R75X	c.223C>T	p.Arg75X	rs121908749	NM_000492.3:c.223C>T	NP_000483.3:p.Arg75Ter	TCCTAAACTCATTAATGCCCTTCGG[C/T]GATGTTTTTTCTGGAGATTTATGTT	VIC	FAM	B37/hg19	ch. 7: 117149146	CFTR7	Hs00833593_CE	
C___32545286_20	CFTR	G85E	G85E	c.254G>A	p.Gly85Glu	rs75961395	NM_000492.3:c.254G>A	NP_000483.3:p.Gly85Glu	TTTTTCTGGAGATTTATGTTCTATG[A/G]AATCTTTTTATATTTAGGGGTAAGG	FAM	VIC	B37/hg19	ch. 7: 117149177	CFTR6	Hs00833593_CE	
C_151693788_20	CFTR	394delTT	394delTT	c.262_263delTT	p.Leu88IlefsX22	rs121908769	NM_000492.3:c.262_263delTTinsAA	NP_000483.3:p.Leu88Lys	AGATTTATGTTCTATGGAATCTTT[TT/-]ATATTTAGGGGTAAGGATCTCATTT	VIC	FAM	B37/hg19	ch. 7: 117149185	CFTR8	Hs00833593_CE	
C_151693789_10	CFTR	405+1G>A	405+1G->A	c.273+1G>A	No protein name	rs121908791	NM_000492.3:c.273+1G>A	No protein name	CTATGGAATCTTTTTATATTTAGGG[G/A]TAAGGATCTCATTTGTACATTCATT	VIC	FAM	B37/hg19	ch. 7: 117149197	CFTR9	Hs00291840_CE	
C_100964777_10	CFTR	405+3A>C	405+3A->C	c.273+3A>C	No protein name	rs74467662	NM_000492.3:c.273+3A>C	No protein name	ATGGAATCTTTTTATATTTAGGGGT[A/C]AGGATCTCATTTGTACATTCATTAT	VIC	FAM	B37/hg19	ch. 7: 117149199	CFTR10	Hs00291840_CE	
C_151693815_10	CFTR	406-1G>A	406-1G->A	c.274-1G>A	No protein name	rs121908792	NM_000492.3:c.274-1G>T	No protein name	ATTTCTCTGTTTTTCCCCTTTTGTA[G/A]GAAGTCACCAAAGCAGTACAGCCTC	VIC	FAM	B37/hg19	ch. 7: 117170952	CFTR16	Hs00474320_CE	
C_32545261C_10	CFTR	E92K	E92K	c.274G>A	p.Glu92Lys	rs121908751	NM_000492.3:c.274G>A	NP_000483.3:p.Glu92Lys	TTTCTCTGTTTTTCCCCTTTTGTAG[G/A]AAGTCACCAAAGCAGTACAGCCTCT	VIC	FAM	B37/hg19	ch. 7: 117170953	CFTR11	Hs00474320_CE	
C_32545261D_20	CFTR	E92X	E92X	c.274G>T	p.Glu92X	rs121908751	NM_000492.3:c.274G>T	NP_000483.3:p.Glu92Ter	TTTCTCTGTTTTTCCCCTTTTGTAG[G/T]AAGTCACCAAAGCAGTACAGCCTCT	VIC	FAM	B37/hg19	ch. 7: 117170953	CFTR12	Hs00474320_CE	
C_201397564_10	CFTR	Q98X	Q98X	c.292C>T	p.Gln98X	rs397508461	NM_000492.3:c.292C>T	NP_000483.3:p.Gln98Ter	TTTGTAGGAAGTCACCAAAGCAGTA[C/T]AGCCTCTCTTACTGGGAAGAATCAT	VIC	FAM	B37/hg19	ch. 7: 117170971	CFTR17	Hs00568767_CE	
C_201397567_10	CFTR	Q98R	Q98R	c.293A>G	p.Gln98Arg	rs397508464	NM_000492.3:c.293A>G	NP_000483.3:p.Gln98Arg	TTGTAGGAAGTCACCAAAGCAGTAC[A/G]GCCTCTCTTACTGGGAAGAATCATA	VIC	FAM	B37/hg19	ch. 7: 117170972	CFTR13	Hs00568767_CE	
C_151693816_20	CFTR	444delA	444delA	c.313delA	p.Ile105SerfsX2	rs121908801	NM_000492.3:c.313delA	NP_000483.3:p.Ile105Serfs	AGTACAGCCTCTCTTACTGGGAAGA[A/-]TCATAGCTTCCTATGACCCGGATAA	VIC	FAM	B37/hg19	ch. 7: 117170992	CFTR2	Hs00568767_CE	
C_172767554_10	CFTR	457TAT>G	457TAT->G	c.325_327delTATinsG	p.Tyr109GlyfsX4	rs121908798	NM_000492.3:c.325_327delTATinsG	NP_000483.3:p.Tyr109Glyfs	TTACTGGGAAGAATCATAGCTTCC[TAT/G]GACCCGGATAACAAGGAGGAACGC	VIC	FAM	B37/hg19	ch. 7: 117171004	CFTR15	Hs00291841_CE	
C____656922_20	CFTR	D110H	D110H	c.328G>C	p.Asp110His	rs113993958	NM_000492.3:c.328G>C	NP_000483.3:p.Asp110His	ACTGGGAAGAATCATAGCTTCCTAT[G/C]ACCCGGATAACAAGGAGGAACGCTC	VIC	FAM	B37/hg19	ch. 7: 117171007	CFTR14	Hs00291841_CE	
C___27540773_10	CFTR	R117C	R117C	c.349C>T	p.Arg117Cys	rs77834169	NM_000492.3:c.349C>T	NP_000483.3:p.Arg117Gly	CTATGACCCGGATAACAAGGAGGAA[C/T]GCTCTATCGCGATTTATCTAGGCAT	VIC	FAM	B37/hg19	ch. 7: 117171028	CFTR18	Hs00291841_CE	
C___26083773_20	CFTR	R117H	R117H	c.350G>A	p.Arg117His	rs78655421	NM_000492.3:c.350G>A	NP_000483.3:p.Arg117His	TATGACCCGGATAACAAGGAGGAAC[A/G]CTCTATCGCGATTTATCTAGGCATA	FAM	VIC	B37/hg19	ch. 7: 117171029	CFTR1	Hs00291841_CE	
C____656917_30	CFTR	Y122X	Y122X	c.366T>A	p.Tyr122X	rs79660178	NM_000492.3:c.366T>A	NP_000483.3:p.Tyr122Ter	AGGAGGAACGCTCTATCGCGATTTA[T/A]CTAGGCATAGGCTTATGCCTTCTCT	VIC	FAM	B37/hg19	ch. 7: 117171045	CFTR3	Hs00291841_CE	
C_151693817_20	CFTR	574delA	574delA	c.442delA	p.Ile148LeufsX5	rs121908770	NM_000492.3:c.442delA	NP_000483.3:p.Ile148Leufs	CCCAGCCATTTTTGGCCTTCATCAC[A/-]TTGGAATGCAGATGAGAATAGCTAT	VIC	FAM	B37/hg19	ch. 7: 117171121	CFTR4	Hs00588756_CE	
C_100964806_20	CFTR	621+1G>T	621+1G->T	c.489+1G>T	No protein name	rs78756941	NM_000492.3:c.489+1G>T	No protein name	TATGTTTAGTTTGATTTATAAGAAG[G/T]TAATACTTCCTTGCACAGGCCCCAT	VIC	FAM	B37/hg19	ch. 7: 117171169	CFTR7	Hs00291841_CE	
C___8853206_30	CFTR	R170H	R170H	c.509G>A	p.Arg170His	rs1800079	NM_000492.3:c.509G>A	NP_000483.3:p.Arg170His	TTTTAGACTTTAAAGCTGTCAAGCC[G/A]TGTTCTAGATAAAATAAGTATTGGA	VIC	FAM	B37/hg19	ch. 7: 117174349	CFTR8	Hs00291842_CE	
C_151693822_20	CFTR	663delT	663delT	c.531delT	p.Ile177MetfsX12	rs121908771	NM_000492.3:c.531delT	NP_000483.3:p.Ile177Metfs	GCCGTGTTCTAGATAAAATAAGTAT[T/-]GGACAACTTGTTAGTCTCCTTTCCA	VIC	FAM	B37/hg19	ch. 7: 117174371	CFTR6	Hs00291842_CE	
C___11399242_20	CFTR	G178R	G178R	c.532G>A	p.Gly178Arg	rs80282562	NM_000492.3:c.532G>A	NP_000483.3:p.Gly178Arg	CCGTGTTCTAGATAAAATAAGTATT[G/A]GACAACTTGTTAGTCTCCTTTCCAA	VIC	FAM	B37/hg19	ch. 7: 117174372	CFTR5	Hs00291842_CE	
C_100964811_10	CFTR	711+1G>T	711+1G->T	c.579+1G>T	No protein name	rs77188391	NM_000492.3:c.579+1G>T	No protein name	CAACAACCTGAACAAATTTGATGAA[G/T]TATGTACCTATTGATTTAATCTTTT	VIC	FAM	B37/hg19	ch. 7: 117174420	CFTR10	Hs00291842_CE	
C_201407349_10	CFTR	711+3A>G	711+3A->G	c.579+3A>G	No protein name	rs397508761	NM_000492.3:c.579+3A>T	No protein name	ACAACCTGAACAAATTTGATGAAGT[A/G]TGTACCTATTGATTTAATCTTTTAG	VIC	FAM	B37/hg19	ch. 7: 117174422	CFTR12	Hs00291842_CE	
C_100964812_20	CFTR	711+5G>A	711+5G->A	c.579+5G>A	No protein name	rs78440224	NM_000492.3:c.579+5G>A	No protein name	AACCTGAACAAATTTGATGAAGTAT[G/A]TACCTATTGATTTAATCTTTTAGGC	VIC	FAM	B37/hg19	ch. 7: 117174424	CFTR9	Hs00291842_CE	
C_151693825_10	CFTR	712-1G>T	712-1G->T	c.580-1G>T	No protein name	rs121908793	NM_000492.3:c.580-1G>T	No protein name	GTTTTTGCTGTGCTTTTATTTTCCA[G/T]GGACTTGCATTGGCACATTTCGTGT	VIC	FAM	B37/hg19	ch. 7: 117175301	CFTR13	Hs00291843_CE	
C___32295707_20	CFTR	H199Y	H199Y	c.595C>T	p.His199Tyr	rs121908802	NM_000492.3:c.595C>T	NP_000483.3:p.His199Tyr	TATTTTCCAGGGACTTGCATTGGCA[C/T]ATTTCGTGTGGATCGCTCCTTTGCA	VIC	FAM	B37/hg19	ch. 7: 117175317	CFTR14	Hs00291843_CE	
C___32545236_20	CFTR	P205S	P205S	c.613C>T	p.Pro205Ser	rs121908803	NM_000492.3:c.613C>T	NP_000483.3:p.Pro205Ser	ATTGGCACATTTCGTGTGGATCGCT[C/T]CTTTGCAAGTGGCACTCCTCATGGG	VIC	FAM	B37/hg19	ch. 7: 117175335	CFTR11	Hs00291843_CE	
C___32545235_20	CFTR	L206W	L206W	c.617T>G	p.Leu206Trp	rs121908752	NM_000492.3:c.617T>G	NP_000483.3:p.Leu206Trp	GCACATTTCGTGTGGATCGCTCCTT[T/G]GCAAGTGGCACTCCTCATGGGGCTA	VIC	FAM	B37/hg19	ch. 7: 117175339	CFTR17	Hs00291843_CE	
C_201407366_10	CFTR	Q220X	Q220X	c.658C>T	p.Gln220X	rs397508778	NM_000492.3:c.658C>T	NP_000483.3:p.Gln220Ter	CATGGGGCTAATCTGGGAGTTGTTA[C/T]AGGCGTCTGCCTTCTGTGGACTTGG	VIC	FAM	B37/hg19	ch. 7: 117175380	CFTR15	Hs00671595_CE	
C_201407370_10	CFTR	L227R	L227R	c.680T>G	p.Leu227Arg	rs397508782	NM_000492.3:c.680T>G	NP_000483.3:p.Leu227Arg	TTACAGGCGTCTGCCTTCTGTGGAC[T/G]TGGTTTCCTGATAGTCCTTGCCCTT	VIC	FAM	B37/hg19	ch. 7: 117175402	CFTR16	Hs00671595_CE	
C_151693827_10	CFTR	852del22	852del22	c.720_741delAGGGAGAAT	p.Gly241GlufsX13	rs121908804	NM_000492.3:c.720_741del22	NP_000483.3:p.Gly241_Tyr247de	TTGCCCTTTTTCAGGCTGGGCT[WT/DEL22]AGGTAGCAACCTATTTTCATAAC	VIC	FAM	B37/hg19	ch. 7: 117175442	CFTR2	Hs00291843_CE	
C_151693830_20	CFTR	935delA	935delA	c.803delA	p.Asn268IlefsX17	rs121908772	NM_000492.3:c.803delA	NP_000483.3:p.Asn268Ilefs	GTGATTACCTCAGAAATGATTGAAA[A/-]TATCCAATCTGTTAAGGCATACTGC	VIC	FAM	B37/hg19	ch. 7: 117176661	CFTR18	Hs00291844_CE	
C_151693831_20	CFTR	936delTA	936delTA	c.805_806delAT	p.Ile269ProfsX4	rs121908773	NM_000492.3:c.805_806delAT	NP_000483.3:p.Ile269Profs	ATTACCTCAGAAATGATTGAAAAT[AT/-]CCAATCTGTTAAGGCATACTGCTGG	VIC	FAM	B37/hg19	ch. 7: 117176663	CFTR1	Hs00291844_CE	
C_151693835_20	CFTR	F311del	F311del	c.933_935delCTT	p.Phe312del	rs121908768	NM_000492.3:c.933_935delCTT	NP_000483.3:p.Phe312del	GAGATACTTCAATAGCTCAGCCTT[CTT/-]CTTCTCAGGGTTCTTTGTGGTGTT	VIC	FAM	B37/hg19	ch. 7: 117180217	CFTR4	Hs00753828_CE	
C_172767546_20	CFTR	1078delT	1078delT	c.948delT	p.Phe316LeufsX12	rs121908744	NM_000492.3:c.948delT	NP_000483.3:p.Phe316Leufs	CAGCCTTCTTCTTCTCAGGGTTCTT[T/-]GTGGTGTTTTTATCTGTGCTTCCCT	VIC	FAM	B37/hg19	ch. 7: 117180232	CFTR8	Hs00435239_CE	
C___32295672_20	CFTR	G330X	G330X	c.988G>T	p.Gly330X	rs79031340	NM_000492.3:c.988G>T	NP_000483.3:p.Gly330Ter	TGTGCTTCCCTATGCACTAATCAAA[G/T]GAATCATCCTCCGGAAAATATTCAC	VIC	FAM	B37/hg19	ch. 7: 117180272	CFTR9	Hs00435239_CE	
C____656883_30	CFTR	R334W	R334W	c.1000C>T	p.Arg334Trp	rs121909011	NM_000492.3:c.1000C>T	NP_000483.3:p.Arg334Trp	TGCACTAATCAAAGGAATCATCCTC[C/T]GGAAAATATTCACCACCATCTCATT	VIC	FAM	B37/hg19	ch. 7: 117180284	CFTR6	Hs00435239_CE	
C_201385074_10	CFTR	R334L	R334L	c.1001G>T	p.Arg334Leu	rs397508137	NM_000492.3:c.1001G>T	NP_000483.3:p.Arg334Leu	GCACTAATCAAAGGAATCATCCTCC[G/T]GAAAATATTCACCACCATCTCATTC	VIC	FAM	B37/hg19	ch. 7: 117180285	CFTR12	Hs00435239_CE	
C_201385076_10	CFTR	I336K	I336K	c.1007T>A	p.Ile336Lys	rs397508139	NM_000492.3:c.1007T>A	NP_000483.3:p.Ile336Lys	ATCAAAGGAATCATCCTCCGGAAAA[T/A]ATTCACCACCATCTCATTCTGCATT	VIC	FAM	B37/hg19	ch. 7: 117180291	CFTR3	Hs00435239_CE	
C____656880_30	CFTR	T338I	T338I	c.1013C>T	p.Thr338Ile	rs77409459	NM_000492.3:c.1013C>T	NP_000483.3:p.Thr338Ile	GGAATCATCCTCCGGAAAATATTCA[C/T]CACCATCTCATTCTGCATTGTTCTG	VIC	FAM	B37/hg19	ch. 7: 117180297	CFTR5	Hs00435239_CE	
C_201385079_10	CFTR	S341P	S341P	c.1021T>C	p.Ser341Pro	rs397508144	NM_000492.3:c.1021T>C	NP_000483.3:p.Ser341Pro	CCTCCGGAAAATATTCACCACCATC[T/C]CATTCTGCATTGTTCTGCGCATGGC	VIC	FAM	B37/hg19	ch. 7: 117180305	CFTR7	Hs00435239_CE	
C_201380060_10	CFTR	1154insTC	1154insTC	c.1022_1023insTC	p.Phe342HisfsX28	rs387906360	NM_000492.3:c.1022_1023insTC	NP_000483.3:p.Phe342Hisfs	CCGGAAAATATTCACCACCATCT[CA/CTCA]TTCTGCATTGTTCTGCGCATGGC	VIC	FAM	B37/hg19	ch. 7: 117180306	CFTR10	Hs00435239_CE	
C___656878C_30	CFTR	R347P	R347P	c.1040G>C	p.Arg347Pro	rs77932196	NM_000492.3:c.1040G>C	NP_000483.3:p.Arg347Pro	ACCATCTCATTCTGCATTGTTCTGC[C/G]CATGGCGGTCACTCGGCAATTTCCC	FAM	VIC	B37/hg19	ch. 7: 117180324	CFTR11	Hs00435239_CE	
C___656878D_20	CFTR	R347H	R347H	c.1040G>A	p.Arg347His	rs77932196	NM_000492.3:c.1040G>A	NP_000483.3:p.Arg347His	ACCATCTCATTCTGCATTGTTCTGC[A/G]CATGGCGGTCACTCGGCAATTTCCC	FAM	VIC	B37/hg19	ch. 7: 117180324	CFTR17	Hs00435239_CE	
C____656875_20	CFTR	T351S	T351S	c.1052C>G	p.Thr351Ser	rs1800086	NM_000492.3:c.1052C>G	NP_000483.3:p.Thr351Ser	TGCATTGTTCTGCGCATGGCGGTCA[C/G]TCGGCAATTTCCCTGGGCTGTACAA	VIC	FAM	B37/hg19	ch. 7: 117180336	CFTR15	Hs00642626_CE	
C_191876959_20	CFTR	R352W	R352W	c.1054C>T	p.Arg352Trp	rs193922497	NM_000492.3:c.1054C>T	NP_000483.3:p.Arg352Trp	CATTGTTCTGCGCATGGCGGTCACT[C/T]GGCAATTTCCCTGGGCTGTACAAAC	VIC	FAM	B37/hg19	ch. 7: 117180338	CFTR16	Hs00642626_CE	
C___11399128_20	CFTR	R352Q	R352Q	c.1055G>A	p.Arg352Gln	rs121908753	NM_000492.3:c.1055G>A	NP_000483.3:p.Arg352Gln	ATTGTTCTGCGCATGGCGGTCACTC[G/A]GCAATTTCCCTGGGCTGTACAAACA	VIC	FAM	B37/hg19	ch. 7: 117180339	CFTR14	Hs00642626_CE	
C_203006811_10	CFTR	Q359K/T360K	Q359K/T360K	c.[1075C>A;1079C>A]	p.[Gln359Lys;Thr360Ly	rs397508152	NM_000492.3:c.1075_1079delCAAAC	NP_000483.3:p.Gln359_Thr360d	CGGCAATTTCCCTGGGCTGTA[CAAAC/AAAAA]ATGGTATGACTCTCTTGGAGC	VIC	FAM	B37/hg19	ch. 7: 117180359	CFTR1	Hs00642626_CE	
C_201380061_10	CFTR	1213delT	1213delT	c.1081delT	p.Trp361GlyfsX8	rs387906361	NM_000492.3:c.1081delT	NP_000483.3:p.Trp361Glyfs	GCAATTTCCCTGGGCTGTACAAACA[T/-]GGTATGACTCTCTTGGAGCAATAAA	VIC	FAM	B37/hg19	ch. 7: 117180365	CFTR2	Hs00642626_CE	
C___32545211_20	CFTR	S364P	S364P	c.1090T>C	p.Ser364Pro	rs78909279	NM_000492.3:c.1090T>C	NP_000483.3:p.Ser364Pro	CTGGGCTGTACAAACATGGTATGAC[C/T]CTCTTGGAGCAATAAACAAAATACA	FAM	VIC	B37/hg19	ch. 7: 117180374	CFTR13	Hs00642626_CE	
C_201385092_10	CFTR	1248+1G>A	1248+1G->A	c.1116+1G>A	No protein name	rs397508158	NM_000492.3:c.1116+1G>A	No protein name	TCTTGGAGCAATAAACAAAATACAG[G/A]TAATGTACCATAATGCTGCATTATA	VIC	FAM	B37/hg19	ch. 7: 117180401	CFTR18	Hs00435239_CE	
C_201385097_10	CFTR	1259insA	1259insA	c.1127_1128insA	p.Gln378AlafsX4	rs397508163	NM_000492.3:c.1127_1128insA	NP_000483.3:p.Gln378Alafs	TTTATAAATAGGATTTCTTACAAAA[A/-]GCAAGAATATAAGACATTGGAATAT	FAM	VIC	B37/hg19	ch. 7: 117182080	CFTR1	Hs00788364_CE	
C_151693839_10	CFTR	1288insTA	1288insTA	c.1153_1154insAT	p.Asn386IlefsX3	rs121908785	NM_000492.3:c.1153_1154insAT	NP_000483.3:p.Asn386Ilefs	CAAGAATATAAGACATTGGAATAT[AT/-]AACTTAACGACTACAGAAGTAGTGA	FAM	VIC	B37/hg19	ch. 7: 117182106	CFTR4	Hs00788364_CE	
C_201385107_20	CFTR	W401X(c.1202G>A)	W401X(TAG)	c.1202G>A	p.Trp401X	rs397508174	NM_000492.3:c.1202G>A	NP_000483.3:p.Trp401Ter	GTGATGGAGAATGTAACAGCCTTCT[G/A]GGAGGAGGTCAGAATTTTTAAAAAA	VIC	FAM	B37/hg19	ch. 7: 117182155	CFTR12	Hs00788364_CE	
C_201385108_10	CFTR	W401X(c.1203G>A)	W401X(TGA)	c.1203G>A	p.Trp401X	rs397508175	NM_000492.3:c.1203G>A	NP_000483.3:p.Trp401Ter	TGATGGAGAATGTAACAGCCTTCTG[G/A]GAGGAGGTCAGAATTTTTAAAAAAT	VIC	FAM	B37/hg19	ch. 7: 117182156	CFTR6	Hs00291847_CE	
C_201385109_20	CFTR	1341+1G>A	1341+1G->A	c.1209+1G>A	No protein name	rs397508176	NM_000492.3:c.1209+1G>A	No protein name	GAATGTAACAGCCTTCTGGGAGGAG[G/A]TCAGAATTTTTAAAAAATTGTTTGC	VIC	FAM	B37/hg19	ch. 7: 117182163	CFTR8	Hs00291847_CE	
C203006801C_10	CFTR	5T	5T	c.1210-12T[5_7]	No protein name	rs387906372	NM_000492.3:c.1210-12_1210-6T[5_	No protein name	GTGTGTGTGTGTGTGTGTTTTTT[TT/-]AACAGGGATTTGGGGAATTATTTGA	VIC	FAM	B37/hg19	ch. 7: 117188688	CFTR4	Hs00291848_CE	
C203006801D_20	CFTR	9T	9T	c.1210-12T[7_9]	No protein name	rs387906372	NM_000492.3:c.1210-12_1210-6T[7_	No protein name	GTGTGTGTGTGTGTGTGTTTTTTT[TT/-]AACAGGGATTTGGGGAATTATTTGA	FAM	VIC	B37/hg19	ch. 7: 117188688	CFTR5	Hs00291848_CE	
C_201387572_10	CFTR	1461ins4	1461ins4	c.1329_1330insAGAT	p.Ile444ArgfsX3	rs397508189	NM_000492.3:c.1329_1330insAGAT	NP_000483.3:p.Ile444Argfs	TTGGTACTCCTGTCCTGAAAGAT[-/AGAT]ATTAATTTCAAGATAGAAAGAGGA	VIC	FAM	B37/hg19	ch. 7: 117188814	CFTR5	Hs00291848_CE	
C_201387575_10	CFTR	1471delA	1471delA	c.1340delA	p.Lys447ArgfsX2	rs397508192	NM_000492.3:c.1340delA	NP_000483.3:p.Lys447Argfs	CCTGTCCTGAAAGATATTAATTTCA[A/-]GATAGAAAGAGGACAGTTGTTGGCG	VIC	FAM	B37/hg19	ch. 7: 117188825	CFTR17	Hs00291848_CE	
C_191740225_10	CFTR	A455E	A455E	c.1364C>A	p.Ala455Glu	rs74551128	NM_000492.3:c.1364C>A	NP_000483.3:p.Ala455Glu	AAGATAGAAAGAGGACAGTTGTTGG[C/A]GGTTGCTGGATCCACTGGAGCAGGC	VIC	FAM	B37/hg19	ch. 7: 117188849	CFTR9	Hs00291848_CE	
C_201387583_10	CFTR	1525-1G>A	1525-1G->A	c.1393-1G>A	No protein name	rs397508200	NM_000492.3:c.1393-1G>A	No protein name	CTAATAATGATGGGTTTTATTTCCA[G/A]ACTTCACTTCTAATGGTGATTATGG	VIC	FAM	B37/hg19	ch. 7: 117199517	CFTR16	Hs00427813_CE	
C_64676233C_10	CFTR	S466X(c.1397C>A)	S466X(TAA)	c.1397C>A	p.Ser466X	rs121908805	NM_000492.3:c.1397C>A	NP_000483.3:p.Ser466Ter	AATGATGGGTTTTATTTCCAGACTT[C/A]ACTTCTAATGGTGATTATGGGAGAA	VIC	FAM	B37/hg19	ch. 7: 117199522	CFTR15	Hs00427813_CE	
C_64676233D_20	CFTR	S466X(c.1397C>G)	S466X(TAG)	c.1397C>G	p.Ser466X	rs121908805	NM_000492.3:c.1397C>G	NP_000483.3:p.Ser466Ter	AATGATGGGTTTTATTTCCAGACTT[C/G]ACTTCTAATGGTGATTATGGGAGAA	VIC	FAM	B37/hg19	ch. 7: 117199522	CFTR10	Hs00427813_CE	
C_172861700_20	CFTR	L467P	L467P	c.1400T>C	p.Leu467Pro	rs139573311	NM_000492.3:c.1400T>C	NP_000483.3:p.Leu467Pro	GATGGGTTTTATTTCCAGACTTCAC[T/C]TCTAATGGTGATTATGGGAGAACTG	VIC	FAM	B37/hg19	ch. 7: 117199525	CFTR7	Hs00427813_CE	
C_201387587_10	CFTR	1548delG	1548delG	c.1418delG	p.Gly473GlufsX54	rs397508205	NM_000492.3:c.1418delG	NP_000483.3:p.Gly473Glufs	ACTTCACTTCTAATGGTGATTATGG[G/-]AGAACTGGAGCCTTCAGAGGGTAAA	VIC	FAM	B37/hg19	ch. 7: 117199543	CFTR3	Hs00427813_CE	
C____656863_30	CFTR	G480C	G480C	c.1438G>T	p.Gly480Cys	rs79282516	NM_000492.3:c.1438G>T	NP_000483.3:p.Gly480Ser	TATGGGAGAACTGGAGCCTTCAGAG[G/T]GTAAAATTAAGCACAGTGGAAGAAT	VIC	FAM	B37/hg19	ch. 7: 117199563	CFTR13	Hs00567417_CE	
C_201387593_10	CFTR	S489X	S489X	c.1466C>A	p.Ser489X	rs397508211	NM_000492.3:c.1466C>A	NP_000483.3:p.Ser489Ter	AAAATTAAGCACAGTGGAAGAATTT[C/A]ATTCTGTTCTCAGTTTTCCTGGATT	VIC	FAM	B37/hg19	ch. 7: 117199591	CFTR2	Hs00567417_CE	
C____656861_20	CFTR	S492F	S492F	c.1475C>T	p.Ser492Phe	rs121909017	NM_000492.3:c.1475C>T	NP_000483.3:p.Ser492Phe	CACAGTGGAAGAATTTCATTCTGTT[C/T]TCAGTTTTCCTGGATTATGCCTGGC	VIC	FAM	B37/hg19	ch. 7: 117199600	CFTR11	Hs00427813_CE	
C____656860_20	CFTR	Q493X	Q493X	c.1477C>T	p.Gln493X	rs77101217	NM_000492.3:c.1477C>T	NP_000483.3:p.Gln493Ter	CAGTGGAAGAATTTCATTCTGTTCT[C/T]AGTTTTCCTGGATTATGCCTGGCAC	VIC	FAM	B37/hg19	ch. 7: 117199602	CFTR14	Hs00427813_CE	
C_203097281_10	CFTR	c.1486T>G	N/A	c.1486T>G	p.Trp496Gly	hCV203097281	NM_000492.3:c.1486T>G	NP_000483.3:p.Trp496Gly	AATTTCATTCTGTTCTCAGTTTTCC[T/G]GGATTATGCCTGGCACCATTAAAGA	VIC	FAM	B37/hg19	ch. 7: 117199611	CFTR1	Hs00427813_CE	
C___59055679_20	CFTR	I506V	I506V	c.1516A>G	p.Ile506Val	rs1800091	NM_000492.3:c.1516A>G	NP_000483.3:p.Ile506Val	TATGCCTGGCACCATTAAAGAAAAT[A/G]TCATCTTTGGTGTTTCCTATGATGA	VIC	FAM	B37/hg19	ch. 7: 117199641	CFTR6	Hs00427813_CE	
C___8853252_20	CFTR	I507V	I507V	c.1519A>G	p.Ile507Val	rs1801178	NM_000492.3:c.1519A>G	NP_000483.3:p.Ile507Val	GCCTGGCACCATTAAAGAAAATAT[A/G]TCTTTGGTGTTTCCTATGATGAATA	VIC	FAM	B37/hg19	ch. 7: 117199644	CFTR9	Hs00427813_CE	
C_151693868_10	CFTR	I507del	I507del	c.1519_1521delATC	p.Ile507del	rs121908745	NM_000492.3:c.1519_1521delATC	NP_000483.3:p.Ile507del	CCTGGCACCATTAAAGAAAATATC[ATC/-]TTTGGTGTTTCCTATGATGAATAT	VIC	FAM	B37/hg19	ch. 7: 117199644	CFTR12	Hs00427813_CE	
C_151693869_10	CFTR	F508del	F508del	c.1521_1523delCTT	p.Phe508del	rs113993960	NM_000492.3:c.1521_1523delCTT	NP_000483.3:p.Phe508del	TGGCACCATTAAAGAAAATATCAT[-/CTT]TGGTGTTTCCTATGATGAATATAG	FAM	VIC	B37/hg19	ch. 7: 117199646	CFTR8	Hs00427813_CE	

C_100964862_10	CFTR	F508C	F508C	c.1523T>G	p.Phe508Cys	rs74571530	NM_000492.3:c.1523T>G	NP_000483.3:p.Phe508Ser	GGCACCATTAAAGAAAATATCATCT[G/T]TGGTGTTTCCTATGATGAATATAGA	FAM	VIC	B37/hg19	ch. 7: 117199648	CFTR18	Hs00427813_CE	
C_151693870_20	CFTR	1677delTA	1677delTA	c.1545_1546delTA	p.Tyr515X	rs121908776	NM_000492.3:c.1545_1546delTA	NP_000483.3:p.Tyr515_Arg516d	ATCTTTGGTGTTTCCTATGATGAA[TA/-]TAGATACAGAAGCGTCATCAAAGCA	VIC	FAM	B37/hg19	ch. 7: 117199670	CFTR5	Hs00427813_CE	
C__32545166_10	CFTR	V520F	V520F	c.1558G>T	p.Val520Phe	rs77646904	NM_000492.3:c.1558G>T	NP_000483.3:p.Val520Phe	CTATGATGAATATAGATACAGAAGC[G/T]TCATCAAAGCATGCCAACTAGAAGA	VIC	FAM	B37/hg19	ch. 7: 117199683	CFTR3	Hs00427813_CE	
C__32545165_20	CFTR	C524X	C524X	c.1572C>A	p.Cys524X	rs121908754	NM_000492.3:c.1572C>A	NP_000483.3:p.Cys524Ter	GATACAGAAGCGTCATCAAAGCATG[C/A]CAACTAGAAGAGGTAAGAAACTATG	VIC	FAM	B37/hg19	ch. 7: 117199697	CFTR17	Hs00427813_CE	
C_201387609_10	CFTR	Q525X	Q525X	c.1573C>T	p.Gln525X	rs397508227	NM_000492.3:c.1573C>T	NP_000483.3:p.Gln525Ter	ATACAGAAGCGTCATCAAAGCATGC[C/T]AACTAGAAGAGGTAAGAAACTATGT	VIC	FAM	B37/hg19	ch. 7: 117199698	CFTR4	Hs00427813_CE	
C_191876965_10	CFTR	1717-8G>A	1717-8G->A	c.1585-8G>A	No protein name	rs193922503	NM_000492.3:c.1585-8G>A	No protein name	AGTGACTCTCTAATTTTCTATTTTT[G/A]GTAATAGGACATCTCCAAGTTTGCA	VIC	FAM	B37/hg19	ch. 7: 117227785	CFTR15	Hs00614311_CE	
C_100964916_20	CFTR	1717-1G>A	1717-1G->A	c.1585-1G>A	No protein name (splic	rs76713772	NM_000492.3:c.1585-1G>A	No protein name	CTCTAATTTTCTATTTTTGGTAATA[G/A]GACATCTCCAAGTTTGCAGAGAAAG	VIC	FAM	B37/hg19	ch. 7: 117227792	CFTR7	Hs00614311_CE	
C__11399026_30	CFTR	G542X	G542X	c.1624G>T	p.Gly542X	rs113993959	NM_000492.3:c.1624G>T	NP_000483.3:p.Gly542Ter	TGCAGAGAAAGACAATATAGTTCTT[G/T]GAGAAGGTGGAATCACACTGAGTGG	VIC	FAM	B37/hg19	ch. 7: 117227832	CFTR6	Hs00614311_CE	
C__32545132_20	CFTR	S549R(c.1645A>C)	S549R(A->C)	c.1645A>C	p.Ser549Arg	rs121908757	NM_000492.3:c.1645A>C	NP_000483.3:p.Ser549Arg	TCTTGGAGAAGGTGGAATCACACTG[A/C]GTGGAGGTCAACGAGCAAGAATTTC	VIC	FAM	B37/hg19	ch. 7: 117227853	CFTR14	Hs00442838_CE	
C__32545131_20	CFTR	S549N	S549N	c.1646G>A	p.Ser549Asn	rs121908755	NM_000492.3:c.1646G>A	NP_000483.3:p.Ser549Asn	CTTGGAGAAGGTGGAATCACACTGA[G/A]TGGAGGTCAACGAGCAAGAATTTCT	VIC	FAM	B37/hg19	ch. 7: 117227854	CFTR10	Hs00442838_CE	
C__32545130_20	CFTR	S549R(c.1647T>G)	S549R(T->G)	c.1647T>G	p.Ser549Arg	rs121909005	NM_000492.3:c.1647T>G	NP_000483.3:p.Ser549Arg	TTGGAGAAGGTGGAATCACACTGAG[T/G]GGAGGTCAACGAGCAAGAATTTCTT	VIC	FAM	B37/hg19	ch. 7: 117227855	CFTR16	Hs00442838_CE	
C__32545128_20	CFTR	G551S	G551S	c.1651G>A	p.Gly551Ser	rs121909013	NM_000492.3:c.1651G>A	NP_000483.3:p.Gly551Ser	AGAAGGTGGAATCACACTGAGTGGA[G/A]GTCAACGAGCAAGAATTTCTTTAGC	VIC	FAM	B37/hg19	ch. 7: 117227859	CFTR13	Hs00442838_CE	
C__32545127_20	CFTR	G551D	G551D	c.1652G>A	p.Gly551Asp	rs75527207	NM_000492.3:c.1652G>A	NP_000483.3:p.Gly551Asp	GAAGGTGGAATCACACTGAGTGGAG[A/G]TCAACGAGCAAGAATTTCTTTAGCA	FAM	VIC	B37/hg19	ch. 7: 117227860	CFTR2	Hs00442838_CE	
C__32545126_20	CFTR	Q552X	Q552X	c.1654C>T	p.Gln552X	rs76554633	NM_000492.3:c.1654C>T	NP_000483.3:p.Gln552Ter	AGGTGGAATCACACTGAGTGGAGGT[C/T]AACGAGCAAGAATTTCTTTAGCAAG	VIC	FAM	B37/hg19	ch. 7: 117227862	CFTR11	Hs00442838_CE	
C__27861430_20	CFTR	R553X	R553X	c.1657C>T	p.Arg553X	rs74597325	NM_000492.3:c.1657C>T	NP_000483.3:p.Arg553Ter	TGGAATCACACTGAGTGGAGGTCAA[C/T]GAGCAAGAATTTCTTTAGCAAGGTG	VIC	FAM	B37/hg19	ch. 7: 117227865	CFTR1	Hs00442838_CE	
C_191876966_20	CFTR	L558S	L558S	c.1673T>C	p.Leu558Ser	rs193922504	NM_000492.3:c.1673T>C	NP_000483.3:p.Leu558Ser	GGAGGTCAACGAGCAAGAATTTCTT[T/C]AGCAAGGTGAATAACTAATTATTGG	VIC	FAM	B37/hg19	ch. 7: 117227881	CFTR18	Hs00442838_CE	
C__27861435_20	CFTR	A559T	A559T	c.1675G>A	p.Ala559Thr	rs75549581	NM_000492.3:c.1675G>A	NP_000483.3:p.Ala559Thr	AGGTCAACGAGCAAGAATTTCTTTA[G/A]CAAGGTGAATAACTAATTATTGGTC	VIC	FAM	B37/hg19	ch. 7: 117227883	CFTR12	Hs00442838_CE	
C_201390094_10	CFTR	R560G	R560G	c.1678A>G	p.Arg560Gly	rs397508260	NM_000492.3:c.1678A>G	NP_000483.3:p.Arg560Gly	TCAACGAGCAAGAATTTCTTTAGCA[G/A]GGTGAATAACTAATTATTGGTCTAG	FAM	VIC	B37/hg19	ch. 7: 117227886	CFTR3	Hs00442838_CE	
C_27861436C_30	CFTR	R560T	R560T	c.1679G>C	p.Arg560Thr	rs80055610	NM_000492.3:c.1679G>C	NP_000483.3:p.Arg560Thr	CAACGAGCAAGAATTTCTTTAGCAA[G/C]GTGAATAACTAATTATTGGTCTAGC	VIC	FAM	B37/hg19	ch. 7: 117227887	CFTR5	Hs00442838_CE	
C_27861436D_20	CFTR	R560K	R560K	c.1679G>A	p.Arg560Lys	rs80055610	NM_000492.3:c.1679G>A	NP_000483.3:p.Arg560Lys	CAACGAGCAAGAATTTCTTTAGCAA[G/A]GTGAATAACTAATTATTGGTCTAGC	VIC	FAM	B37/hg19	ch. 7: 117227887	CFTR8	Hs00442838_CE	
C_201390100_10	CFTR	1811+1.6kbA>G	1811+1.6kbA->G	c.1679+1.6kbA>G	No protein name	rs397508266	NM_000492.3:c.1680-886A>G	none - splicing mutation	ACAGAGAATCCTATGTACTTGAGATG[G/A]TAAGTAAGGTTACTATCAATCACAC	FAM	VIC	B37/hg19	ch. 7: 117229521	CFTR18	Hs00836927_CE	
C_151693905_10	CFTR	1812-1G>A	1812-1G->A	c.1680-1G>A	No protein name	rs121908794	NM_000492.3:c.1680-1G>A	No protein name	TAATTTAATTTCCATTTTCTTTTTA[G/A]AGCAGTATACAAAGATGCTGATTTG	VIC	FAM	B37/hg19	ch. 7: 117230406	CFTR4	Hs00634519_CE	
C_201390108_10	CFTR	1833delT	1833delT	c.1703delT	p.Leu568CysfsX4	rs397508274	NM_000492.3:c.1703delT	NP_000483.3:p.Leu568Cysfs	AGAGCAGTATACAAAGATGCTGATT[T/-]GTATTTATTAGACTCTCCTTTTGGA	VIC	FAM	B37/hg19	ch. 7: 117230430	CFTR9	Hs00634519_CE	
C_201390110_10	CFTR	Y569D	Y569D	c.1705T>G	p.Tyr569Asp	rs397508276	NM_000492.3:c.1705T>G	NP_000483.3:p.Tyr569Asp/His	AGCAGTATACAAAGATGCTGATTTG[T/G]ATTTATTAGACTCTCCTTTTGGATA	VIC	FAM	B37/hg19	ch. 7: 117230432	CFTR17	Hs00634519_CE	
C__32545116_20	CFTR	P574H	P574H	c.1721C>A	p.Pro574His	rs121908758	NM_000492.3:c.1721C>A	NP_000483.3:p.Pro574His	GCTGATTTGTATTTATTAGACTCTC[C/A]TTTTGGATACCTAGATGTTTTAACA	VIC	FAM	B37/hg19	ch. 7: 117230448	CFTR16	Hs00634519_CE	
C_201390122_10	CFTR	D579G	D579G	c.1736A>G	p.Asp579Gly	rs397508288	NM_000492.3:c.1736A>G	p.Asp579Ala/Gly	TTAGACTCTCCTTTTGGATACCTAG[A/G]TGTTTTAACAGAAAAAGAAATATTT	VIC	FAM	B37/hg19	ch. 7: 117230463	CFTR1	Hs00634519_CE	
C_201390130_10	CFTR	E585X	E585X	c.1753G>T	p.Glu585X	rs397508296	NM_000492.3:c.1753G>T	NP_000483.3:p.Glu585Ter	ATACCTAGATGTTTTAACAGAAAAA[G/T]AAATATTTGAAAGGTATGTTCTTTG	VIC	FAM	B37/hg19	ch. 7: 117230480	CFTR15	Hs00634519_CE	
C_151693906_10	CFTR	1898+1G>A	1898+1G->A	c.1766+1G>A	No protein name	rs121908748	NM_000492.3:c.1766+1G>A	No protein name	TAACAGAAAAAGAAATATTTGAAAG[G/A]TATGTTCTTTGAATACCTTACTTAT	VIC	FAM	B37/hg19	ch. 7: 117230494	CFTR7	Hs00634519_CE	
C_201390132_10	CFTR	1898+3A>G	1898+3A->G	c.1766+3A>G	No protein name	rs397508298	NM_000492.3:c.1766+3A>G	No protein name	ACAGAAAAAGAAATATTTGAAAGGT[A/G]TGTTCTTTGAATACCTTACTTATAA	VIC	FAM	B37/hg19	ch. 7: 117230496	CFTR10	Hs00291851_CE	
C_151693907_10	CFTR	1898+5G>T	1898+5G->T	c.1766+5G>T	No protein name	rs121908796	NM_000492.3:c.1766+5G>T	No protein name	AGAAAAAGAAATATTTGAAAGGTAT[G/T]TTCTTTGAATACCTTACTTATAATG	VIC	FAM	B37/hg19	ch. 7: 117230498	CFTR3	Hs00291851_CE	
C_201390137_10	CFTR	1924del7	1924del7	c.1792_1798delAAAACTA	p.Lys598GlyfsX11	rs397508303	NM_000492.3:c.1792_1798delAAAAC	NP_000483.3:p.Lys598Glyfs	TGTCTGTAAACTGATGGCTAAC[AAAACTA/-]GGATTTTGGTCACTTCTAAAAT	VIC	FAM	B37/hg19	ch. 7: 117232013	CFTR12	Hs00666693_CE	
C_151693911_10	CFTR	1949del84	1949del84	c.1817_1900del84	p.Met607_Gln634del	rs121908777	NM_000492.3:c.1817_1900del84	NP_000483.3:p.Met607_Gln634d	ACTAGGATTTTGGTCACTTCTA[WT/DEL84]AAAATCTACAGCCAGACTTTAGC	VIC	FAM	B37/hg19	ch. 7: 117232038	CFTR2	Hs00291852_CE	
C_191856000_20	CFTR	D614G	D614G	c.1841A>G	p.Asp614Gly	rs201124247	NM_000492.3:c.1841A>G	NP_000483.3:p.Asp614Gly	AAAATGGAACATTTAAAGAAAGCTG[A/G]CAAAATATTAATTTTGCATGAAGGT	VIC	FAM	B37/hg19	ch. 7: 117232062	CFTR8	Hs00666693_CE	
C__27536988_20	CFTR	G622D	G622D	c.1865G>A	p.Gly622Asp	rs121908759	NM_000492.3:c.1865G>A	NP_000483.3:p.Gly622Asp	GACAAAATATTAATTTTGCATGAAG[G/A]TAGCAGCTATTTTTATGGGACATTT	VIC	FAM	B37/hg19	ch. 7: 117232086	CFTR13	Hs00291852_CE	
C_151693912_20	CFTR	2043delG	2043delG	c.1911delG	p.Gln637HisfsX26	rs121908778	NM_000492.3:c.1911delG	NP_000483.3:p.Gln637Hisfs	CATTTTCAGAACTCCAAAATCTACA[G/-]CCAGACTTTAGCTCAAAACTCATGG	VIC	FAM	B37/hg19	ch. 7: 117232132	CFTR14	Hs00291852_CE	
C_172767548_10	CFTR	2055del9>A	2055del9->A	c.1923_1931del9insA	p.Ser641ArgfsX5	rs121908779	NM_000492.3:c.1923_1931delCTCAA	NP_000483.3:p.Ser641_Leu644d	AAATCTACAGCCAGACTTTAG[CTCAAAACT/A]CATGGGATGTGATTCTTTCGA	VIC	FAM	B37/hg19	ch. 7: 117232144	CFTR18	Hs00291852_CE	
C_172767549_10	CFTR	2105-2117del13insAG	2105-2117del13	c.1973_1985del13insAGAA	p.Arg658LysfsX4	rs121908780	NM_000492.3:c.1973_1985delGAAAT	NP_000483.3:p.Arg658_Leu662d	ATTTAGTGCAGAAAGAA[GAAATTCAATCCT/AGAAA]AACTGAGACCTTACACC	VIC	FAM	B37/hg19	ch. 7: 117232194	CFTR11	Hs00291852_CE	
C_151693913_20	CFTR	2108delA	2108delA	c.1976delA	p.Asn659IlefsX4	rs121908809	NM_000492.3:c.1976delA	NP_000483.3:p.Asn659Ilefs	GACCAATTTAGTGCAGAAAGAAGAA[A/-]TTCAATCCTAACTGAGACCTTACAC	VIC	FAM	B37/hg19	ch. 7: 117232197	CFTR5	Hs00291852_CE	
C_151693914_30	CFTR	2143delT	2143delT	c.2012delT	p.Leu671X	rs121908812	NM_000492.3:c.2012delT	NP_000483.3:p.Leu671Terfs	ACTGAGACCTTACACCGTTTCTCAT[T/-]AGAAGGAGATGCTCCTGTCTCCTGG	VIC	FAM	B37/hg19	ch. 7: 117232233	CFTR6	Hs00699031_CE	
C172767555C_30	CFTR	2183AA>G	2183AA->G	c.2051_2052delAAinsG	p.Lys684SerfsX38	rs121908799	NM_000492.3:c.2051_2052delAAinsG	NP_000483.3:p.Lys684Serfs	CTGTCTCCTGGACAGAAACAAAAA[AA/G]CAATCTTTTAAACAGACTGGAGAGT	VIC	FAM	B37/hg19	ch. 7: 117232272	CFTR4	Hs00291853_CE	
C172767555D_20	CFTR	2183delAA	2183delAA	c.2051_2052delAA	p.Lys684ThrfsX4	rs121908799	NM_000492.3:c.2051_2052delAA	NP_000483.3:p.Lys684Thrfs	TGCTCCTGTCTCCTGGACAGAAAC[AA/-]AAAAACAATCTTTTAAACAGACTGG	VIC	FAM	B37/hg19	ch. 7: 117232272	CFTR9	Hs00291853_CE	
C_172767547_20	CFTR	2184delA	2184delA	c.2052delA	p.Lys684AsnfsX38	rs121908746	NM_000492.3:c.2052delA	NP_000483.3:p.Lys684Asnfs	ATGCTCCTGTCTCCTGGACAGAAAC[A/-]AAAAAACAATCTTTTAAACAGACTG	VIC	FAM	B37/hg19	ch. 7: 117232273	CFTR16	Hs00291853_CE	
C_172767550_10	CFTR	2184insA	2184insA	c.2052_2053insA	p.Gln685ThrfsX4	rs121908786	NM_000492.3:c.2052dupA	NP_000483.3:p.Gln685delinsThr	ATGCTCCTGTCTCCTGGACAGAAAC[-/A]AAAAAAACAATCTTTTAAACAGACT	VIC	FAM	B37/hg19	ch. 7: 117232273	CFTR17	Hs00291853_CE	
C__32295645_30	CFTR	R709X	R709X	c.2125C>T	p.Arg709X	rs121908760	NM_000492.3:c.2125C>T	NP_000483.3:p.Arg709Ter	TATTCTCAATCCAATCAACTCTATA[C/T]GAAAATTTTCCATTGTGCAAAAGAC	VIC	FAM	B37/hg19	ch. 7: 117232346	CFTR3	Hs00291853_CE	
C__26083748_20	CFTR	K710X	K710X	c.2128A>T	p.Lys710Ter	rs75115087	NM_000492.3:c.2128A>T	NP_000483.3:p.Lys710Ter	TCTCAATCCAATCAACTCTATACGA[A/T]AATTTTTCCATTGTGCAAAAGACTCC	VIC	FAM	B37/hg19	ch. 7: 117232349	CFTR15	Hs00291853_CE	
C_172767551_30	CFTR	2307insA	2307insA	c.2175_2176insA	p.Glu726ArgfsX4	rs121908787	NM_000492.3:c.2175_2176insA	NP_000483.3:p.Glu726delinsArg	TCCCTTACAAATGAATGGCATCGAA[-/A]GAGGATTCTGATGAGCCTTTAGAGA	VIC	FAM	B37/hg19	ch. 7: 117232396	CFTR1	Hs00716444_CE	
C_201392631_10	CFTR	L732X	L732X	c.2195T>G	p.Leu732X	rs397508350	NM_000492.3:c.2195T>G	NP_000483.3:p.Leu732Ter	ATCGAAGAGGATTCTGATGAGCCTT[T/G]AGAGAGAAGGCTGTCCTTAGTACCA	VIC	FAM	B37/hg19	ch. 7: 117232416	CFTR7	Hs00716444_CE	
C_201392634_10	CFTR	2347delG	2347delG	c.2215delG	p.Val739TyrfsX16	rs397508353	NM_000492.3:c.2215delG	NP_000483.3:p.Val739Tyrfs	GCCTTTAGAGAGAAGGCTGTCCTTA[G/-]TACCAGATTCTGAGCAGGGAGAGGC	VIC	FAM	B37/hg19	ch. 7: 117232436	CFTR12	Hs00716444_CE	
C__27531535_30	CFTR	R764X	R764X	c.2290C>T	p.Arg764X	rs121908810	NM_000492.3:c.2290C>T	NP_000483.3:p.Arg764Ter	CAGCACTGGCCCCACGCTTCAGGCA[C/T]GAAGGAGGCAGTCTGTCCTGAACCT	VIC	FAM	B37/hg19	ch. 7: 117232511	CFTR10	Hs00291853_CE	
C_201409799_10	CFTR	2585delT	2585delT	c.2453delT	p.Leu818TrpfsX3	rs397515498	NM_000492.3:c.2453delT	NP_000483.3:p.Leu818Trpfs	AGAAGGTTATCTCAAGAAACTGGCT[T/-]GGAAATAAGTGAAGAAATTAACGAA	VIC	FAM	B37/hg19	ch. 7: 117232674	CFTR2	Hs00291854_CE	
C_201392657_10	CFTR	E822X	E822X	c.2464G>T	p.Glu822X	rs397508378	NM_000492.3:c.2464G>T	NP_000483.3:p.Glu822Ter	TCAAGAAACTGGCTTGGAAATAAGT[G/T]AAGAAATTAACGAAGAAGACTTAAA	VIC	FAM	B37/hg19	ch. 7: 117232685	CFTR13	Hs00291854_CE	
C_172948526_20	CFTR	2622+1G>A	2622+1G->A	c.2490+1G>A	No protein name	rs141158996	NM_000492.3:c.2490+1G>A	No protein name	AGAAATTAACGAAGAAGACTTAAAG[G/A]TAGGTATACATCGCTTGGGGGTATT	VIC	FAM	B37/hg19	ch. 7: 117232712	CFTR14	Hs00291854_CE	
C_201395108_10	CFTR	E831X	E831X	c.2491G>T	p.Glu831X	rs397508387	NM_000492.3:c.2491G>T	NP_000483.3:p.Glu831Ter	TAATAGCCATAATTCTTTTATTCAG[G/T]AGTGCTTTTTTGATGATATGGAGAG	VIC	FAM	B37/hg19	ch. 7: 117234984	CFTR8	Hs00483302_CE	
C_191861136_20	CFTR	D836Y	D836Y	c.2506G>T	p.Asp836Tyr	rs201386642	NM_000492.3:c.2506G>T	NP_000483.3:p.Asp836Tyr	TTTTATTCAGGAGTGCTTTTTTTGAT[G/T]ATATGGAGAGCATACCAGCAGTGAC	VIC	FAM	B37/hg19	ch. 7: 117234999	CFTR5	Hs00483302_CE	
C_201395114_10	CFTR	W846X(c.2537G>A)	W846X	c.2537G>A	p.Trp846X	rs397508393	NM_000492.3:c.2537G>A	NP_000483.3:p.Trp846Ter	GAGAGCATACCAGCAGTGACTACAT[G/A]GAACACATACCTTCGATATATTACT	VIC	FAM	B37/hg19	ch. 7: 117235030	CFTR18	Hs00637298_CE	
C_201166057_10	CFTR	W846X(c.2538G>A)	W846X	c.2538G>A	p.Trp846X	rs267606722	NM_000492.3:c.2538G>A	NP_000483.3:p.Trp846Ter	AGAGCATACCAGCAGTGACTACATG[G/A]AACACATACCTTCGATATATTACTG	VIC	FAM	B37/hg19	ch. 7: 117235031	CFTR11	Hs00637298_CE	
C____656779_20	CFTR	R851X	R851X	c.2551C>T	p.Arg851X	rs121909012	NM_000492.3:c.2551C>T	NP_000483.3:p.Arg851Ter	AGTGACTACATGGAACACATACCTT[C/T]GATATATTACTGTCCACAAGAGCTT	VIC	FAM	B37/hg19	ch. 7: 117235044	CFTR6	Hs00637298_CE	
C_201395120_10	CFTR	2711delT	2711delT	c.2583delT	p.Phe861LeufsX3	rs397508399	NM_000492.3:c.2583delT	NP_000483.3:p.Phe861Leufs	TTACTGTCCACAAGAGCTTAATTTT[T/-]GTGCTAATTTGGTGCTTAGTAATTT	VIC	FAM	B37/hg19	ch. 7: 117235076	CFTR9	Hs00637298_CE	
C_201395133_10	CFTR	2789+2insA	2789+2insA	c.2657+2_2657+3insA	No protein name	rs397508414	NM_000492.3:c.2657+2_2657+3insA	No protein name	TTGTGCTGTGGCTCCTTGGAAAG[TG/TAG]AGTATTCCATGTCCTATTGTGTAG	VIC	FAM	B37/hg19	ch. 7: 117242919	CFTR4	Hs00786155_CE	
C_100964951_10	CFTR	2789+5G>A	2789+5G->A	c.2657+5G>A	No protein name	rs80224560	NM_000492.3:c.2657+5G>A	No protein name	TGTGCTGTGGCTCCTTGGAAAGTGA[A/G]TATTCCATGTCCTATTGTGTAGATT	FAM	VIC	B37/hg19	ch. 7: 117242922	CFTR16	Hs00786155_CE	
C__32295630_20	CFTR	Q890X	Q890X	c.2668C>T	p.Gln890X	rs79633941	NM_000492.3:c.2668C>T	NP_000483.3:p.Gln890Ter	CTATTTGCTTTACAGCACTCCTCTT[C/T]AAGACAAAGGGAATAGTACTCATAG	VIC	FAM	B37/hg19	ch. 7: 117243596	CFTR17	Hs00804905_CE	
C_172767552_10	CFTR	2869insG	2869insG	c.2737_2738insG	p.Tyr913X	rs121908788	NM_000492.3:c.2737_2738insG	NP_000483.3:p.Tyr913delinsTerL	GTGATTATCACCAGCACCAGTTCGT[-/G]ATTATGTGTTTTACATTTACGTGGG	VIC	FAM	B37/hg19	ch. 7: 117243665	CFTR15	Hs00291857_CE	
C_201395153_10	CFTR	L927P	L927P	c.2780T>C	p.Leu927Pro	rs397508435	NM_000492.3:c.2780T>C	NP_000483.3:p.Leu927Pro	TACGTGGGAGTAGCCGACACTTTGC[T/C]TGCTATGGGATTCTTCAGAGGTCTA	VIC	FAM	B37/hg19	ch. 7: 117243708	CFTR1	Hs00291857_CE	
C_191876972_20	CFTR	2942insT	2942insT	c.2810_2811insT	p.Val938GlyfsX37	rs193922510	NM_000492.3:c.2810dupT	NP_000483.3:p.Val938Glyfs	TGGGATTCTTCAGAGGTCTACCACT[-/T]GGTGCATACTCTAATCACAGTGTCG	VIC	FAM	B37/hg19	ch. 7: 117243738	CFTR3	Hs00836310_CE	
C_201395160_10	CFTR	S945L	S945L	c.2834C>T	p.Ser945Leu	rs397508442	NM_000492.3:c.2834C>T	NP_000483.3:p.Ser945Leu	CTGGTGCATACTCTAATCACAGTGT[C/T]GAAAATTTTACACCACAAAATGTTA	VIC	FAM	B37/hg19	ch. 7: 117243762	CFTR12	Hs00836310_CE	
C_201395164_10	CFTR	3007delG	3007delG	c.2875delG	p.Ala959HisfsX9	rs397508447	NM_000492.3:c.2875delG	NP_000483.3:p.Ala959Hisfs	CAAAATGTTACATTCTGTTCTTCAA[G/-]CACCTATGTCAACCCTCAACACGTT	VIC	FAM	B37/hg19	ch. 7: 117243803	CFTR13	Hs00291857_CE	
C___8853384_10	CFTR	L967S	L967S	c.2900T>C	p.Leu967Ser	rs1800110	NM_000492.3:c.2900T>C	NP_000483.3:p.Leu967Ser	GCACCTATGTCAACCCTCAACACGT[C/T]GAAAGCAGGTACTTTACTAGGTCTA	FAM	VIC	B37/hg19	ch. 7: 117243828	CFTR10	Hs00291857_CE	
C_201395170_10	CFTR	G970R	G970R	c.2908G>C	p.Gly970Arg	rs397508453	NM_000492.3:c.2908G>C	NP_000483.3:p.Gly970Ser	GTCAACCCTCAACACGTTGAAAGCA[G/C]GTACTTTACTAGGTCTAAGAAATGA	VIC	FAM	B37/hg19	ch. 7: 117243836	CFTR7	Hs00291857_CE	
C_151693932_20	CFTR	3120G>A	3120G->A	c.2988G>A	No protein name	rs121908797	NM_000492.3:c.2988G>A	NP_000483.3:p.Gln996=	CTCTTACCATATTTGACTTCATCCA[G/A]GTATGTAAAAATAAGTACCGTTAAG	VIC	FAM	B37/hg19	ch. 7: 117246807	CFTR2	Hs00291858_CE	
C_100964958_20	CFTR	3120+1G>A	3120+1G->A	c.2988+1G>A	No protein name	rs75096551	NM_000492.3:c.2988+1G>A	No protein name	TCTTACCATATTTGACTTCATCCAG[G/A]TATGTAAAAATAAGTACCGTTAAGT	VIC	FAM	B37/hg19	ch. 7: 117246808	CFTR14	Hs00291858_CE	
C_201397573_10	CFTR	3121-1G>A	3121-1G->A	c.2989-1G>A	No protein name	rs397508470	NM_000492.3:c.2989-1G>A	No protein name	CCAACATGTTTTCTTTGATCTTACA[G/A]TTGTTATTAATTGTGATTGGAGCTA	VIC	FAM	B37/hg19	ch. 7: 117250572	CFTR8	Hs00612729_CE	
C_191876978_20	CFTR	P1013H	P1013H	c.3038C>A	p.Pro1013His	rs193922516	NM_000492.3:c.3038C>A	NP_000483.3:p.Pro1013Arg/His/	ATAGCAGTTGTCGCAGTTTTACAAC[C/A]CTACATCTTTGTTGCAACAGTGCCA	VIC	FAM	B37/hg19	ch. 7: 117250622	CFTR6	Hs00612729_CE	
C_151693938_20	CFTR	3171delC	3171delC	c.3039delC	p.Tyr1014ThrfsX9	rs121908781	NM_000492.3:c.3039delC	NP_000483.3:p.Tyr1014Thrfs	TAGCAGTTGTCGCAGTTTTACAACC[C/-]TACATCTTTGTTGCAACAGTGCCAG	VIC	FAM	B37/hg19	ch. 7: 117250623	CFTR11	Hs00612729_CE	
C_151693939_20	CFTR	3199del6	3199del6	c.3067_3072delATAGTG	p.Ile1023_Val1024del	rs121908767	NM_000492.3:c.3067_3072delATAGT	NP_000483.3:p.Ile1023_Val1024	CTTTGTTGCAACAGTGCCAGTG[ATAGTG/-]GCTTTTATTATGTTGAGAGCATA	VIC	FAM	B37/hg19	ch. 7: 117250651	CFTR5	Hs00612729_CE	
C_100964965_10	CFTR	3272-26A>G	3272-26A->G	c.3140-26A>G	No protein name	rs76151804	NM_000492.3:c.3140-26A>G	No protein name	ACATTTTGTGTTTATGTTATTTGCA[A/G]TGTTTTCTATGGAAATATTTCACAG	VIC	FAM	B37/hg19	ch. 7: 117251609	CFTR9	Hs00635155_CE	
C__26083725_20	CFTR	L1065P	L1065P	c.3194T>C	p.Leu1065Pro	rs121909036	NM_000492.3:c.3194T>C	NP_000483.3:p.Leu1065Pro	ACAAGCTTAAAAGGACTATGGACAC[T/C]TCGTGCCTTCGGACGGCAGCCTTAC	VIC	FAM	B37/hg19	ch. 7: 117251689	CFTR17	Hs00291860_CE	
C__26083724_20	CFTR	R1066C	R1066C	c.3196C>T	p.Arg1066Cys	rs78194216	NM_000492.3:c.3196C>T	NP_000483.3:p.Arg1066Ser	AAGCTTAAAAGGACTATGGACACTT[C/T]GTGCCTTCGGACGGCAGCCTTACTT	VIC	FAM	B37/hg19	ch. 7: 117251691	CFTR15	Hs00291860_CE	
C__26083723_20	CFTR	R1066H	R1066H	c.3197G>A	p.Arg1066His	rs121909019	NM_000492.3:c.3197G>A	NP_000483.3:p.Arg1066His	AGCTTAAAAGGACTATGGACACTTC[G/A]TGCCTTCGGACGGCAGCCTTACTTT	VIC	FAM	B37/hg19	ch. 7: 117251692	CFTR18	Hs00291860_CE	
C_191751848_30	CFTR	G1069R	G1069R	c.3205G>A	p.Gly1069Arg	rs200321110	NM_000492.3:c.3205G>A	NP_000483.3:p.Gly1069Arg	AGGACTATGGACACTTCGTGCCTTC[G/A]GACGGCAGCCTTACTTTGAAACTCT	VIC	FAM	B37/hg19	ch. 7: 117251700	CFTR3	Hs00291860_CE	
C__32295591_20	CFTR	R1070Q	R1070Q	c.3209G>A	p.Arg1070Gln	rs78769542	NM_000492.3:c.3209G>A	NP_000483.3:p.Arg1070Gln	CTATGGACACTTCGTGCCTTCGGAC[G/A]GCAGCCTTACTTTGAAACTCTGTTC	VIC	FAM	B37/hg19	ch. 7: 117251704	CFTR4	Hs00291860_CE	
C__26083717_30	CFTR	L1077P	L1077P	c.3230T>C	p.Leu1077Pro	rs139304906	NM_000492.3:c.3230T>C	NP_000483.3:p.Leu1077Pro	GGACGGCAGCCTTACTTTGAAACTC[T/C]GTTCCACAAAGCTCTGAATTTACAT	VIC	FAM	B37/hg19	ch. 7: 117251725	CFTR12	Hs00291860_CE	
C__26083715_30	CFTR	W1089X	W1089X	c.3266G>A	p.Trp1089X	rs78802634	NM_000492.3:c.3266G>A	NP_000483.3:p.Trp1089Ter	GCTCTGAATTTACATACTGCCAACT[G/A]GTTCTTGTACCTGTCAACACTGCGC	VIC	FAM	B37/hg19	ch. 7: 117251761	CFTR2	Hs00291860_CE	
C_26083714C_10	CFTR	Y1092X(c.3276C>A)	Y1092X(C->A)	c.3276C>A	p.Tyr1092X	rs121908761	NM_000492.3:c.3276C>A	NP_000483.3:p.Tyr1092Ter	TACATACTGCCAACTGGTTCTTGTA[C/A]CTGTCAACACTGCGCTGGTTCCAAA	VIC	FAM	B37/hg19	ch. 7: 117251771	CFTR1	Hs00670308_CE	
C_26083714D_20	CFTR	Y1092X(c.3276C>G)	Y1092X(C->G)	c.3276C>G	p.Tyr1092X	rs121908761	NM_000492.3:c.3276C>G	NP_000483.3:p.Tyr1092Ter	TACATACTGCCAACTGGTTCTTGTA[C/G]CTGTCAACACTGCGCTGGTTCCAAA	VIC	FAM	B37/hg19	ch. 7: 117251771	CFTR10	Hs00670308_CE	

C_203097284_10	CFTR	c.3297C>A	N/A	c.3297C>A	p.Phe1099Leu	rs747754623	NM_000492.3:c.3297C>A	NP_000483.3:p.Phe1099Leu	TGTACCTGTCAACACTGCGCTGGTT[A/C]CAAATGAGAATAGAAATGATTTTTG	FAM	VIC	B37/hg19	ch. 7: 117251792	CFTR7	Hs00670308_CE	
C__32295578_10	CFTR	M1101K	M1101K	c.3302T>A	p.Met1101Lys	rs36210737	NM_000492.3:c.3302T>A	NP_000483.3:p.Met1101Lys	CTGTCAACACTGCGCTGGTTCCAAA[T/A]GAGAATAGAAATGATTTTTGTCATC	VIC	FAM	B37/hg19	ch. 7: 117251797	CFTR13	Hs00670308_CE	
C_201400019_10	CFTR	E1104X	E1104X	c.3310G>T	p.Glu1104X	rs397508538	NM_000492.3:c.3310G>T	NP_000483.3:p.Glu1104Ter	ACTGCGCTGGTTCCAAATGAGAATA[G/T]AAATGATTTTTGTCATCTTCTTCAT	VIC	FAM	B37/hg19	ch. 7: 117251805	CFTR14	Hs00670308_CE	
C__32545067_20	CFTR	D1152H	D1152H	c.3454G>C	p.Asp1152His	rs75541969	NM_000492.3:c.3454G>C	NP_000483.3:p.Asp1152His	GCAGTGGGCTGTAAACTCCAGCATA[G/C]ATGTGGATAGCTTGGTAAGTCTTAT	VIC	FAM	B37/hg19	ch. 7: 117254753	CFTR8	Hs00697126_CE	
C__32545051_10	CFTR	R1158X	R1158X	c.3472C>T	p.Arg1158X	rs79850223	NM_000492.3:c.3472C>T	NP_000483.3:p.Arg1158Ter	AATGTTGTTATTTTTTATTTCAGATG[C/T]GATCTGTGAGCCGAGTCTTTAAGTT	VIC	FAM	B37/hg19	ch. 7: 117267579	CFTR6	Hs00291863_CE	
C__64676246_10	CFTR	R1162X	R1162X	c.3484C>T	p.Arg1162X	rs74767530	NM_000492.3:c.3484C>T	NP_000483.3:p.Arg1162Ter	TTTATTTCAGATGCGATCTGTGAGC[T/C]GAGTCTTTAAGTTCATTGACATGCC	FAM	VIC	B37/hg19	ch. 7: 117267591	CFTR11	Hs00291863_CE	
C_151693962_20	CFTR	3659delC	3659delC	c.3528delC	p.Lys1177SerfsX15	rs121908747	NM_000492.3:c.3528delC	NP_000483.3:p.Lys1177Serfs	ACATGCCAACAGAAGGTAAACCTAC[C/-]AAGTCAACCAAACCATACAAGAATG	VIC	FAM	B37/hg19	ch. 7: 117267635	CFTR5	Hs00291863_CE	
C_151693963_20	CFTR	3667del4	3667del4	c.3535_3538delACCA	p.Thr1179AsnfsX12	rs121908782	NM_000492.3:c.3535_3538delACCA	NP_000483.3:p.Thr1179Asnfs	CAGAAGGTAAACCTACCAAGTCA[ACCA/-]AACCATACAAGAATGGCCAACTCT	VIC	FAM	B37/hg19	ch. 7: 117267642	CFTR9	Hs00291863_CE	
C__32295560_20	CFTR	S1196X	S1196X	c.3587C>G	p.Ser1196X	rs121908763	NM_000492.3:c.3587C>G	NP_000483.3:p.Ser1196Ter	TCGAAAGTTATGATTATTGAGAATT[C/G]ACACGTGAAGAAAGATGACATCTGG	VIC	FAM	B37/hg19	ch. 7: 117267694	CFTR17	Hs00752755_CE	
C__26083704_30	CFTR	W1204X(c.3611G>A)	W1204X(3743G-	c.3611G>A	p.Trp1204X	rs121908764	NM_000492.3:c.3611G>A	NP_000483.3:p.Trp1204Ter	TCACACGTGAAGAAAGATGACATCT[G/A]GCCCTCAGGGGGCCAAATGACTGTC	VIC	FAM	B37/hg19	ch. 7: 117267718	CFTR4	Hs00752755_CE	
C_151693964_20	CFTR	W1204X(c.3612G>A)	W1204X(3744G-	c.3612G>A	p.Trp1204X	rs121908765	NM_000492.3:c.3612G>A	NP_000483.3:p.Trp1204Ter	CACACGTGAAGAAAGATGACATCTG[G/A]CCCTCAGGGGGCCAAATGACTGTCA	VIC	FAM	B37/hg19	ch. 7: 117267719	CFTR18	Hs00752755_CE	
C_172767557_20	CFTR	3791delC	3791delC	c.3659delC	p.Thr1220LysfsX8	rs121908811	NM_000492.3:c.3659delC	NP_000483.3:p.Thr1220Lysfs	GTCAAAGATCTCACAGCAAAATACA[C/-]AGAAGGTGGAAATGCCATATTAGAG	VIC	FAM	B37/hg19	ch. 7: 117267766	CFTR15	Hs00752755_CE	
C_151693965_20	CFTR	3821delT	3821delT	c.3691delT	p.Ser1231ProfsX4	rs121908783	NM_000492.3:c.3691delT	NP_000483.3:p.Ser1231Profs	TGGAAATGCCATATTAGAGAACATT[T/-]CCTTCTCAATAAGTCCTGGCCAGAG	VIC	FAM	B37/hg19	ch. 7: 117267798	CFTR1	Hs00291863_CE	
C__32545041_10	CFTR	I1234V	I1234V	c.3700A>G	p.Ile1234Val	rs75389940	NM_000492.3:c.3700A>G	NP_000483.3:p.Ile1234Val	CATATTAGAGAACATTTCCTTCTCA[A/G]TAAGTCCTGGCCAGAGGGTGAGATT	VIC	FAM	B37/hg19	ch. 7: 117267807	CFTR16	Hs00291863_CE	
C__32545039_20	CFTR	Q1238X	Q1238X	c.3712C>T	p.Gln1238X	rs121908766	NM_000492.3:c.3712C>T	NP_000483.3:p.Gln1238Ter	CATTTCCTTCTCAATAAGTCCTGGC[C/T]AGAGGGTGAGATTTGAACACTGCTT	VIC	FAM	B37/hg19	ch. 7: 117267819	CFTR2	Hs00291863_CE	
C_100965026_20	CFTR	3849+10kbC>T	3849+10kbC->T	c.3717+12191C>T	No protein name	rs75039782	NM_000492.3:c.3717+12191C>T	No protein name	TCCATCTGTTGCAGTATTAAAATGG[C/T]GAGTAAGACACCCTGAAAGGAAATG	VIC	FAM	B37/hg19	ch. 7: 117280015	CFTR3	Hs00836926_CE	
C_201166058_10	CFTR	G1244E	G1244E	c.3731G>A	p.Gly1244Glu	rs267606723	NM_000492.3:c.3731G>A	NP_000483.3:p.Gly1244Glu	TTTACCTTATAGGTGGGCCTCTTGG[G/A]AAGAACTGGATCAGGGAAGAGTACT	VIC	FAM	B37/hg19	ch. 7: 117282505	CFTR12	Hs00644338_CE	
C_151693993_20	CFTR	3876delA	3876delA	c.3744delA	p.Lys1250ArgfsX9	rs121908784	NM_000492.3:c.3744delA	NP_000483.3:p.Ser1248=	TGGGCCTCTTGGGAAGAACTGGATC[A/-]GGGAAGAGTACTTTGTTATCAGCTT	VIC	FAM	B37/hg19	ch. 7: 117282518	CFTR7	Hs00644338_CE	
C__32545018_20	CFTR	S1251N	S1251N	c.3752G>A	p.Ser1251Asn	rs74503330	NM_000492.3:c.3752G>A	NP_000483.3:p.Ser1251Asn	TTGGGAAGAACTGGATCAGGGAAGA[G/A]TACTTTGTTATCAGCTTTTTTGAGA	VIC	FAM	B37/hg19	ch. 7: 117282526	CFTR8	Hs00291864_CE	
C__26083700_20	CFTR	S1255P	S1255P	c.3763T>C	p.Ser1255Pro	rs121909041	NM_000492.3:c.3763T>C	NP_000483.3:p.Ser1255Pro	TGGATCAGGGAAGAGTACTTTGTTA[T/C]CAGCTTTTTTGAGACTACTGAACAC	VIC	FAM	B37/hg19	ch. 7: 117282537	CFTR13	Hs00291864_CE	
C__26083699_10	CFTR	S1255X	S1255X	c.3764C>A	p.Ser1255X	rs76649725	NM_000492.3:c.3764C>A	NP_000483.3:p.Ser1255Ter	GGATCAGGGAAGAGTACTTTGTTAT[C/A]AGCTTTTTTGAGACTACTGAACACT	VIC	FAM	B37/hg19	ch. 7: 117282538	CFTR10	Hs00291864_CE	
C_172767553_20	CFTR	3905insT	3905insT	c.3773_3774insT	p.Leu1258PhefsX7	rs121908789	NM_000492.3:c.3773dupT	NP_000483.3:p.Leu1258delinsPh	GAGTACTTTGTTATCAGCTTTTT[TG/TTG]AGACTACTGAACACTGAAGGAGAA	VIC	FAM	B37/hg19	ch. 7: 117282547	CFTR14	Hs00291864_CE	
C__32545014_20	CFTR	W1282X	W1282X	c.3846G>A	p.Trp1282X	rs77010898	NM_000492.3:c.3846G>A	NP_000483.3:p.Trp1282Ter	GGGATTCAATAACTTTGCAACAGTG[A/G]AGGAAAGCCTTTGGAGTGATACCAC	FAM	VIC	B37/hg19	ch. 7: 117282620	CFTR9	Hs00291864_CE	
C__32545013_10	CFTR	R1283M	R1283M	c.3848G>T	p.Arg1283Met	rs77902683	NM_000492.3:c.3848G>T	NP_000483.3:p.Arg1283Thr	GATTCAATAACTTTGCAACAGTGGA[G/T]GAAAGCCTTTGGAGTGATACCACAG	VIC	FAM	B37/hg19	ch. 7: 117282622	CFTR11	Hs00291864_CE	
C_173080716_10	CFTR	4005+1G>A	4005+1G->A	c.3873+1G>A	No protein name	rs143570767	NM_000492.3:c.3873+1G>A	No protein name	GAAAGCCTTTGGAGTGATACCACAG[G/A]TGAGCAAAAGGACTTAGCCAGAAAA	VIC	FAM	B37/hg19	ch. 7: 117282648	CFTR6	Hs00786137_CE	
C__32544994_20	CFTR	N1303K	N1303K	c.3909C>G	p.Asn1303Lys	rs80034486	NM_000492.3:c.3909C>G	NP_000483.3:p.Asn1303Lys	TTTTTTCTGGAACATTTAGAAAAAA[C/G]TTGGATCCCTATGAACAGTGGAGTG	VIC	FAM	B37/hg19	ch. 7: 117292931	CFTR4	Hs00291865_CE	
C__32544992_10	CFTR	Q1313X	Q1313X	c.3937C>T	p.Gln1313X	rs121909026	NM_000492.3:c.3937C>T	NP_000483.3:p.Gln1313Ter	GGATCCCTATGAACAGTGGAGTGAT[C/T]AAGAAATATGGAAAGTTGCAGATGA	VIC	FAM	B37/hg19	ch. 7: 117292959	CFTR18	Hs00291865_CE	
C990000003A_10	CFTR	CFTRdele22.23_mu	CFTRdele22,23	c.3964-78_4242+577del1.5	No protein name	hCV990000003	NA	NA	ATGAAAAACATAAGCTTTCAGAA[-/MU]CTTGAGGCCAGGAATTCAAGACCAGC	N/A	FAM	B37/hg19	ch. 7: 117304662	CFTR2	tbd	
C990000003B_20	CFTR	CFTRdele22.23_wt	CFTRdele22,23	c.3964-78_4242+577del1.5	No protein name	hCV990000003	NA	NA	TGAACTATCTTCTCTAACTGCAGG[WT/-]TTGGGCTCAGATCTGTGATAGAACA	VIC	N/A	B37/hg19	ch. 7: 117304662	CFTR2	NA	
C_203097285_10	CFTR	c.4028delG	N/A	c.4028delG	p.Gly1262AlafsX4	hCV203097285	NM_000492.3:c.4028delG	NP_000483.3:p.Gly1262Alafs	CTTGACTTTGTCCTTGTGGAT[GGGGG/GGGG]CTGTGTCCTAAGCCATGGCCAC	VIC	FAM	B37/hg19	ch. 7: 117304806	CFTR5	Hs00827752_CE	
C__26083686_30	CFTR	G1349D	G1349D	c.4046G>A	p.Gly1349Asp	rs193922525	NM_000492.3:c.4046G>A	NP_000483.3:p.Gly1349Asp	GATGGGGGCTGTGTCCTAAGCCATG[A/G]CCACAAGCAGTTGATGTGCTTGGCT	FAM	VIC	B37/hg19	ch. 7: 117304824	CFTR17	Hs00827752_CE	
C_203006827_10	CFTR	4209TGTT>AA	4209TGTT->AA	c.4077_4080delTGTTinsAA	No protein name	rs397508668	NM_000492.3:c.4077_4080delTGTTin	NP_000483.3:p.Val1360Thrfs	CAGTTGATGTGCTTGGCTAGATC[TGTT/AA]CTCAGTAAGGCGAAGATCTTGCT	VIC	FAM	B37/hg19	ch. 7: 117304855	CFTR15	Hs00827752_CE	
C_201404896_10	CFTR	E1371X	E1371X	c.4111G>T	p.Glu1371X	rs397508675	NM_000492.3:c.4111G>T	NP_000483.3:p.Glu1371Ter	TAAGGCGAAGATCTTGCTGCTTGAT[G/T]AACCCAGTGCTCATTTGGATCCAGT	VIC	FAM	B37/hg19	ch. 7: 117304889	CFTR1	Hs00291866_CE	
C_201404927_10	CFTR	4382delA	4382delA	c.4251delA	p.Glu1418ArgfsX14	rs397508706	NM_000492.3:c.4251delA	NP_000483.3:p.Glu1418Argfs	AACAGCCATTTCCCTAGGTCATAGA[A/-]GAGAACAAAGTGCGGCAGTACGATT	VIC	FAM	B37/hg19	ch. 7: 117306970	CFTR2	Hs00435230_CE