

P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	Gene	Transcript	Chromosome	Variant name	Exon	CDS mutation	AA mutation
			HE	HO	HO	HO				JAK1	ENST00000342505	1	65301158 C T	24	c.3290G>A	p.G1097D
		HE								JAK1	ENST00000342505	1	65325833 C CG	9	c.1288 1289insC	p.PV430fs
			HE							JAK1	ENST00000342505	1	65301158 C A	24	c.3290G>T	p.G1097V
HE										JAK1	ENST00000342505	1	65301845 C A	23	c.3194G>T	p.W1065L
HE										JAK1	ENST00000342505	1	65303627 C A	22	c.3128G>T	p.S1043I
	HE						HO			STAT3	ENST00000264657	17	40474419 T A	21	c.1982A>T	p.D661V
										STAT3	ENST00000264657	17	40486018 T C	9	c.847A>G	p.K283E
		HE								STAT3	ENST00000264657	17	40474420 C A	21	c.1981G>T	p.D661Y
										SH2B3	ENST00000341259	12	111884836 AG A	4	c.925delG	p.G309fs
		HE								SH2B3	ENST00000341259	12	111884606 G A	3	c.762G>A	p.R261Q
			HE							C5H	ENST00000443053	3	50647814 G A	2	c.61C>T	p.P21S
										SOCS1	ENST00000332029	16	11349332 ACCAT A	2	c.1 4delATGG	p.?
							HO			SOCS3	ENST00000330871	17	76354703_TCCCAGGAGTGGCTGGGCAG_T	2	c.455 474delTCGCCAGCCACTCCCTGGG	p.S152fs
			HE							TNFAIP3	ENST00000237289	6	138192467 T TGG	2	c.102 103insGG	p.GG35fs
						HE				TNFAIP3	ENST00000237289	6	138198316 T TAA	6	c.908 909insAA	p.LK303fs
	HE									TNFAIP3	ENST00000237289	6	138200276 C G	7	c.1694C>G	p.S55S*
										TNIP3	ENST00000507879	4	122068326 G A	10	c.823C>T	p.Q275*
		HE	HE		HE					SETD1B	ENST00000267197	12	122242658 A AC	1	c.14 15insC	p.HP5fs
										SETD1B	ENST00000271640	1	150919383 GA G	10	c.1162delA	p.I388fs
										KMT2D	ENST00000301067	12	49424507 AAT A	41	c.13715 13716delAT	p.N4572fs
		HE								KMT2D	ENST00000301067	12	49443667 AC A	11	c.3704delG	p.G1235fs
										KMT2D	ENST00000301067	12	49416133 G A	52	c.16342C>T	p.R5448*
										KMT2D	ENST00000301067	12	49424062 C T	1 ex42	c.13999+1G>A	-
							HO			TET2	ENST00000540549	4	106158285 TCA T	3	c.3186 3187delCA	p.V1062fs
										TET2	ENST00000540549	4	106155758 CACACACAT C	3	c.659 666delACACACAT	p.H220fs
										ARID1A	ENST00000324856	1	27022913 CCCCGCCGCCAGCAGCCTGGGCAA C	1	c.19 44delCCCGCCGCCAGCAGCCTGGGCAA	p.P7fs
										SETD2	ENST00000409792	3	47098568 A G	15	c.6706T>C	p.S2236P
										SETD2	ENST00000409792	3	47147551 C A	6	c.4775G>T	p.R1592L
										ASXL1	ENST00000375687	20	31024320_CTCGAGAACACCTCGTTTCTCA_C	13	c.3805 3825delTCGAGAACACCTCGTTTCTCA	p.S1269 S1276del
		HE								BCL11A	ENST00000335712	2	60688026 A C	4	c.2021T>G	p.L674R
										BCOR	ENST00000378444	X	39834292 C A	4	c.307G>T	p.E103*
		HE								CRFBP	ENST00000262367	16	3820941 C T	13	c.2510G>A	p.G837E
										DOT1L	ENST00000398665	19	2221998 G A	24	c.2830G>A	p.A944T
										EP300	ENST00000263253	22	41574684_CCCACTCCAGTCCCTTCCCCAAGGATGCAGCCTCAGCCTTCT_C	31	c.6969 7008delCCACTCCAGTCCCTTCCCCAAGGATGCAGCCTCAGCCTTCT	p.P2323fs
HE										NCOR1	ENST00000395851	17	16075213 C A	3	c.339G>T	p.Q113H
HE										POT1	ENST00000357628	7	124511092 T C	7	c.128A>G	p.Y43C
			HE							SMARCA4	ENST00000450717	19	11134269 C T	19	c.2235C>T	p.R979*
										TET3	ENST00000409262	2	74274355 G A	1	c.906G>A	p.W302*
		HE								DDX3X	ENST00000399959	X	41205658 A G	13	c.1492A>G	p.T498A
										DDX3X	ENST00000399959	X	41203345 A C	9	c.828A>C	p.R276S
HE										DDX3X	ENST00000399959	X	41206199 C T	15	c.1703C>T	p.P568L
	HE									DDX3X	ENST00000399959	X	41205500 T C	13	c.1534T>C	p.L445S
										DDX3X	ENST00000399959	X	41202487 G A	7	c.562G>A	p.G188R
			HE							PRDM1	ENST00000369096	6	106547237 G A	4	c.474G>A	p.W158*
										PRDM1	ENST00000369096	6	106553459 GC G	5	c.1424delC	p.A475fs
										PRDM1	ENST00000369096	6	106554300 A G	6	c.1828A>G	p.K610E
										CCNC	ENST00000520429	6	99897452 C A	-1 ex9	c.531-1G>T	-
HE										TDRD6	ENST00000544460	6	46858575 C A	1	c.2714C>A	p.A905D
										ZEB1	ENST00000446923	10	31809105 G A	7	c.794G>A	p.G265D

HE = heterozygous
HO = homozygous