

HG002_haplotype1	1	2	3	4	5	C	X	D	E	N	X	N	X	A	B	D	E	C	X	X	X	A	A	B	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	X	E	C	X	X	X	A	A	B	X	X	X	X	X	X	-	-	X	X	X	X	I	X	A	J	B	X	X	X	X	X	X	V	6'	7	8	9
HG002_haplotype2	1	2	3	4	5	C	X	D	E	C	F	X	X	A	B	D	E	C	X	X	X	A	A	B	X	X	X	X	X	X	G	A	B	X	X	X	X	X	X	V	N	D	E	C	F	X	X	A	B	D	E	C	X	X	X	A	A	B	X	X	X	X	X	X	G	A	B	X	X	X	X	X	V	6'	7	8	9
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77