

Figure 1

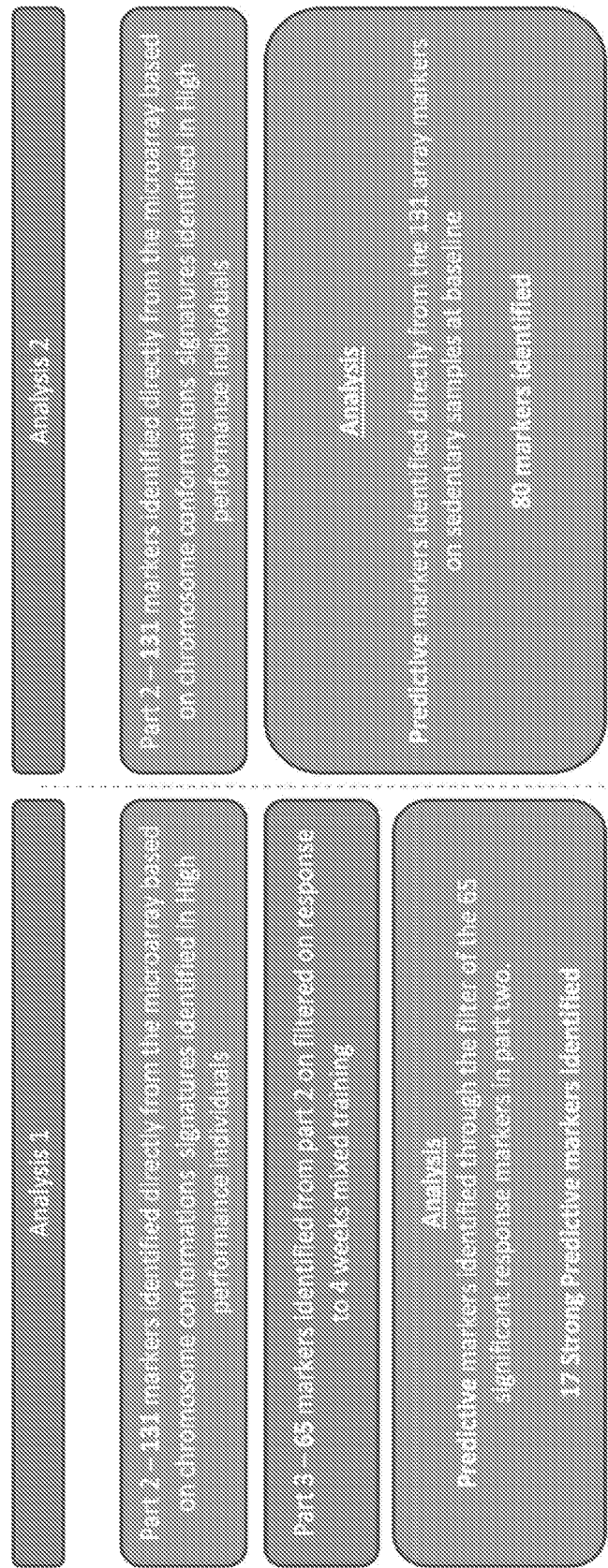


Figure 2

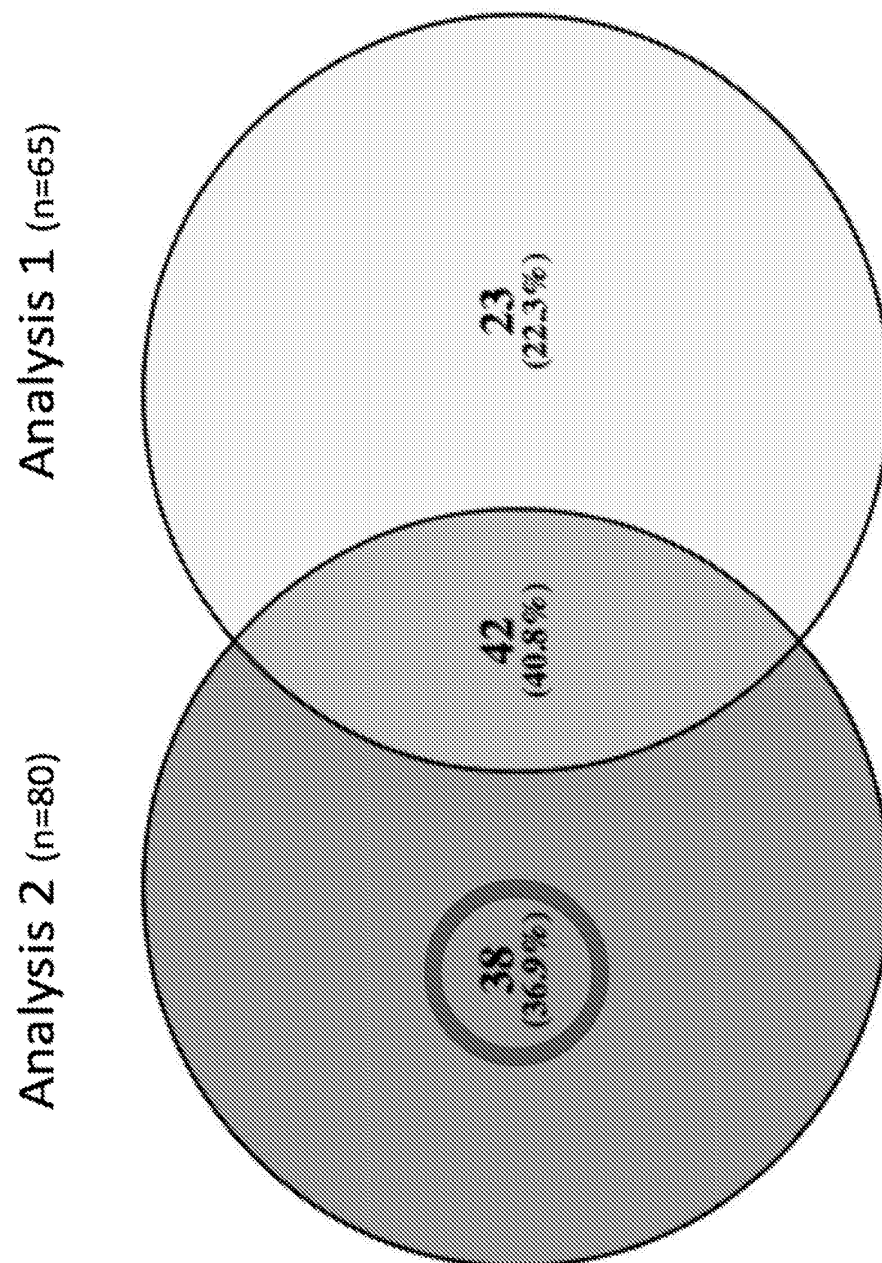


Figure 3

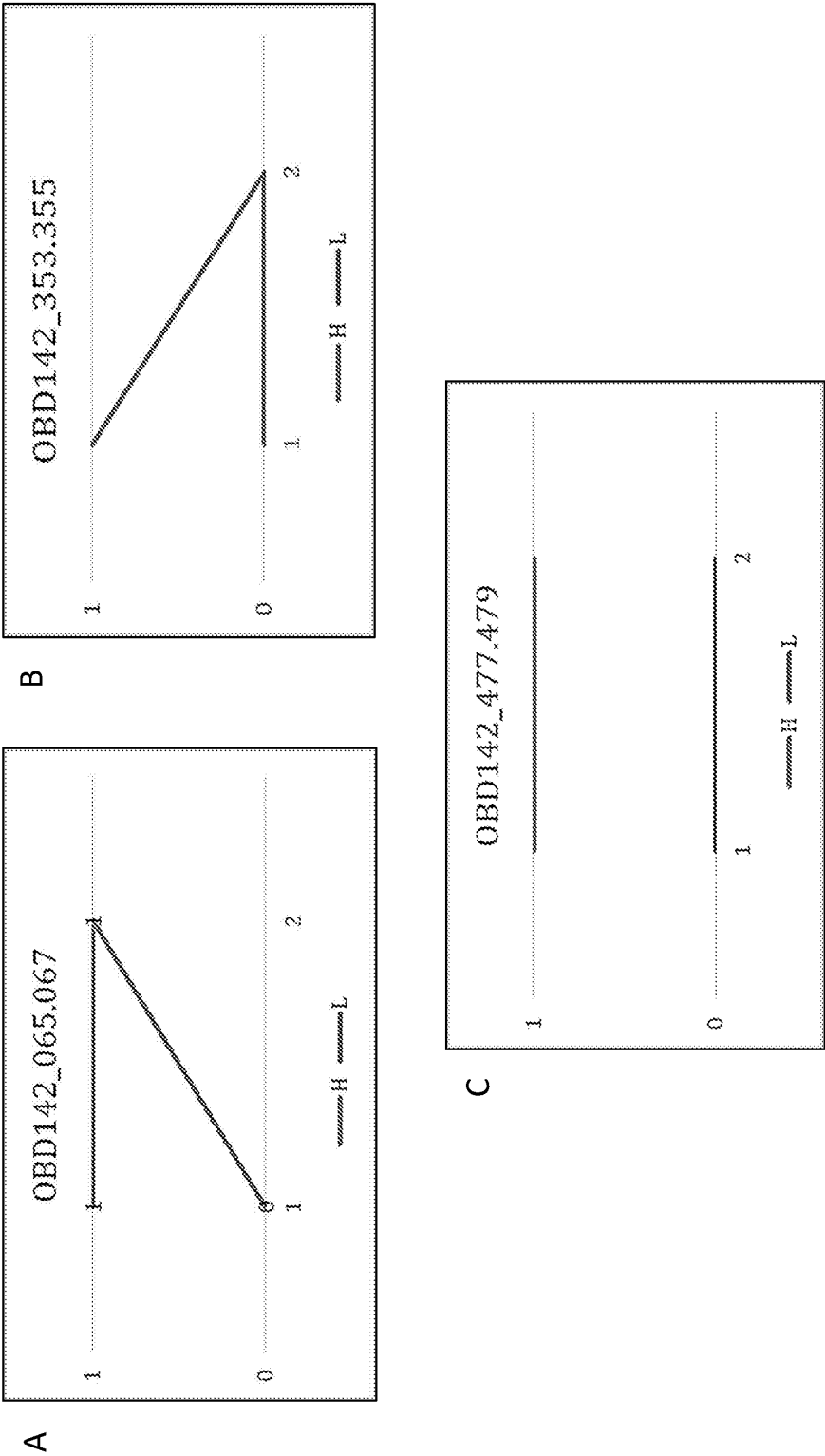


Figure 4

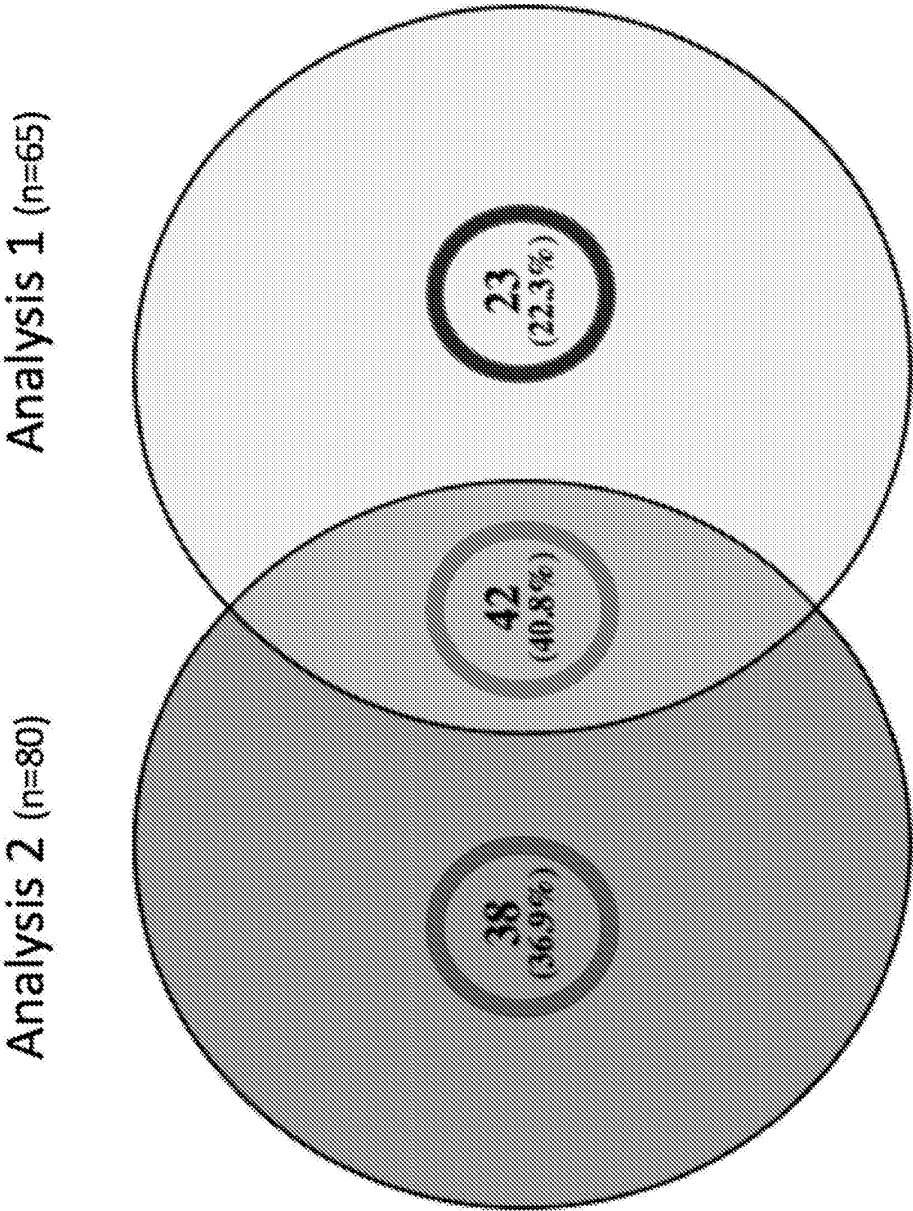


Figure 5

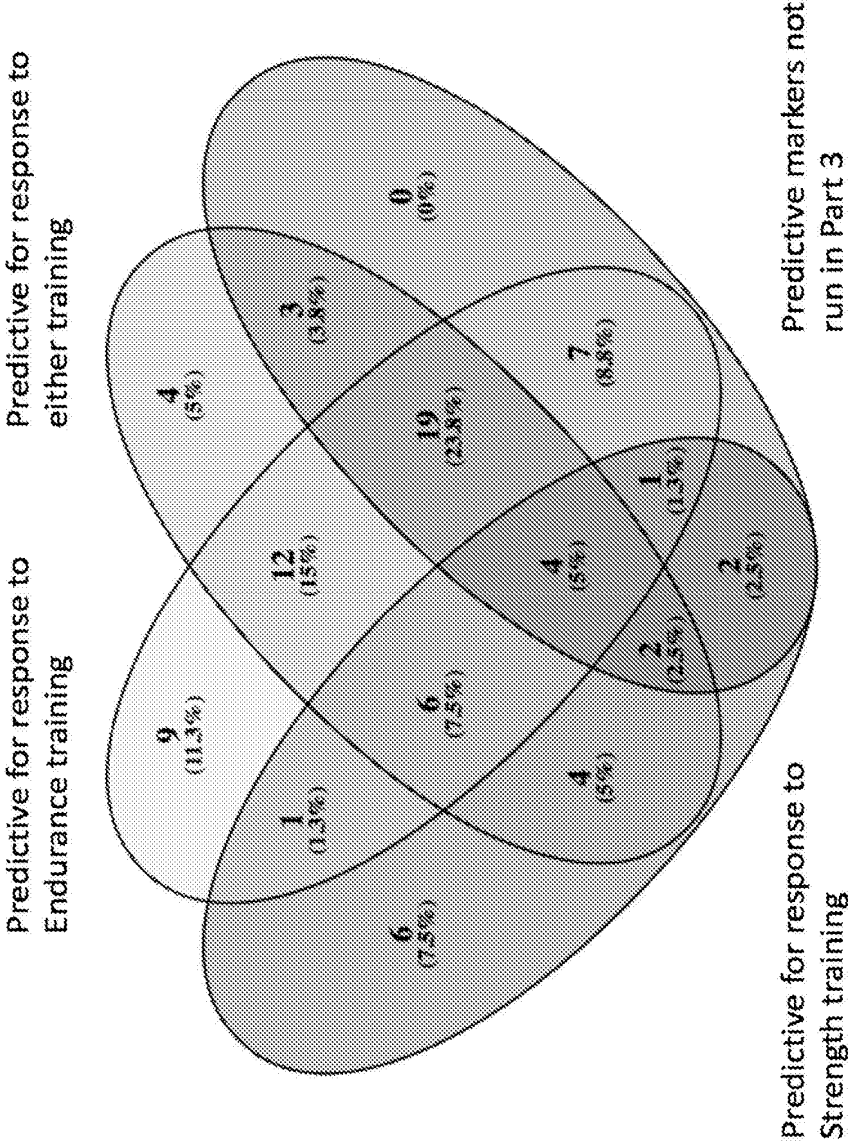
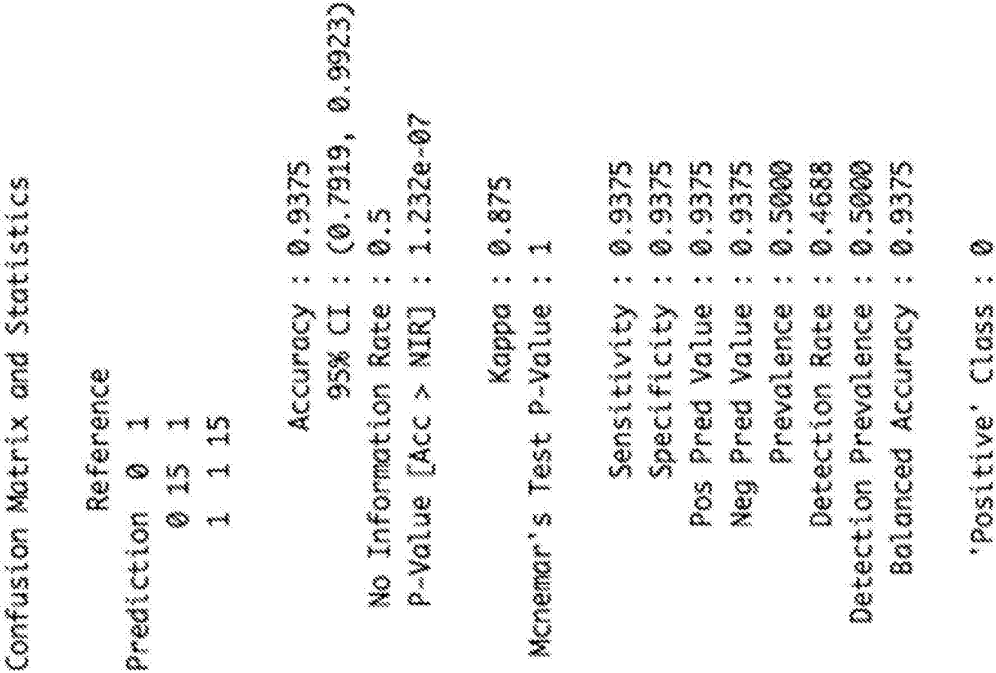


Figure 6



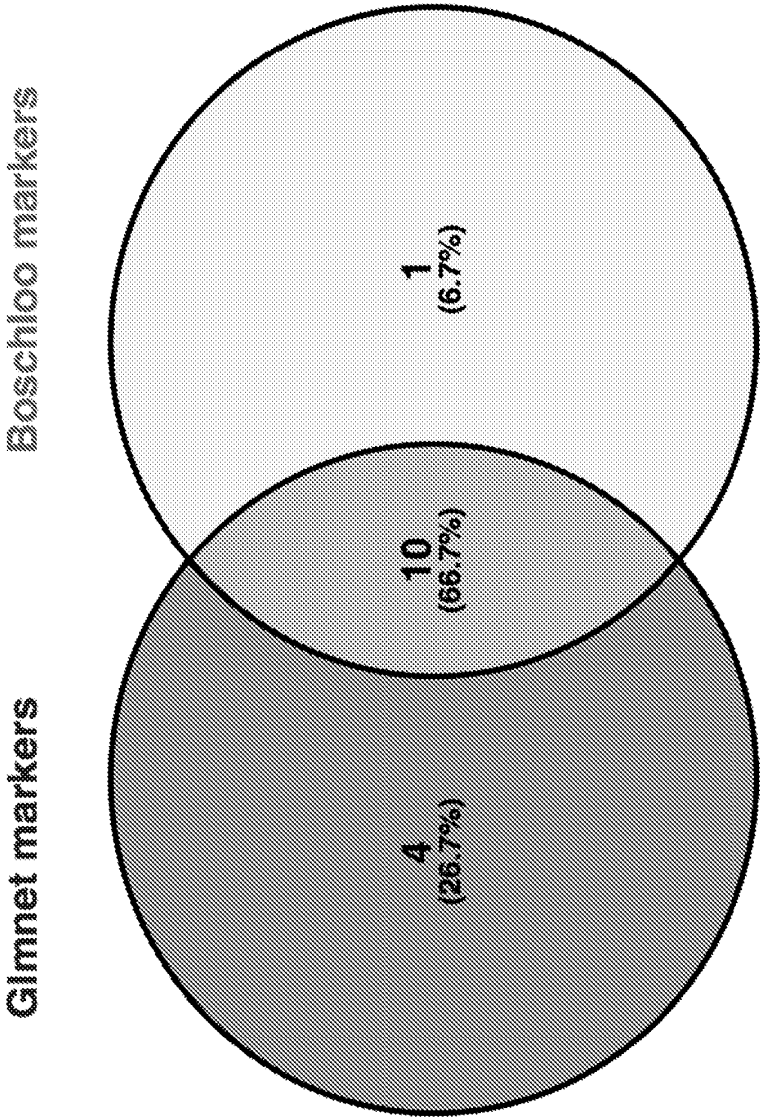


Figure 7

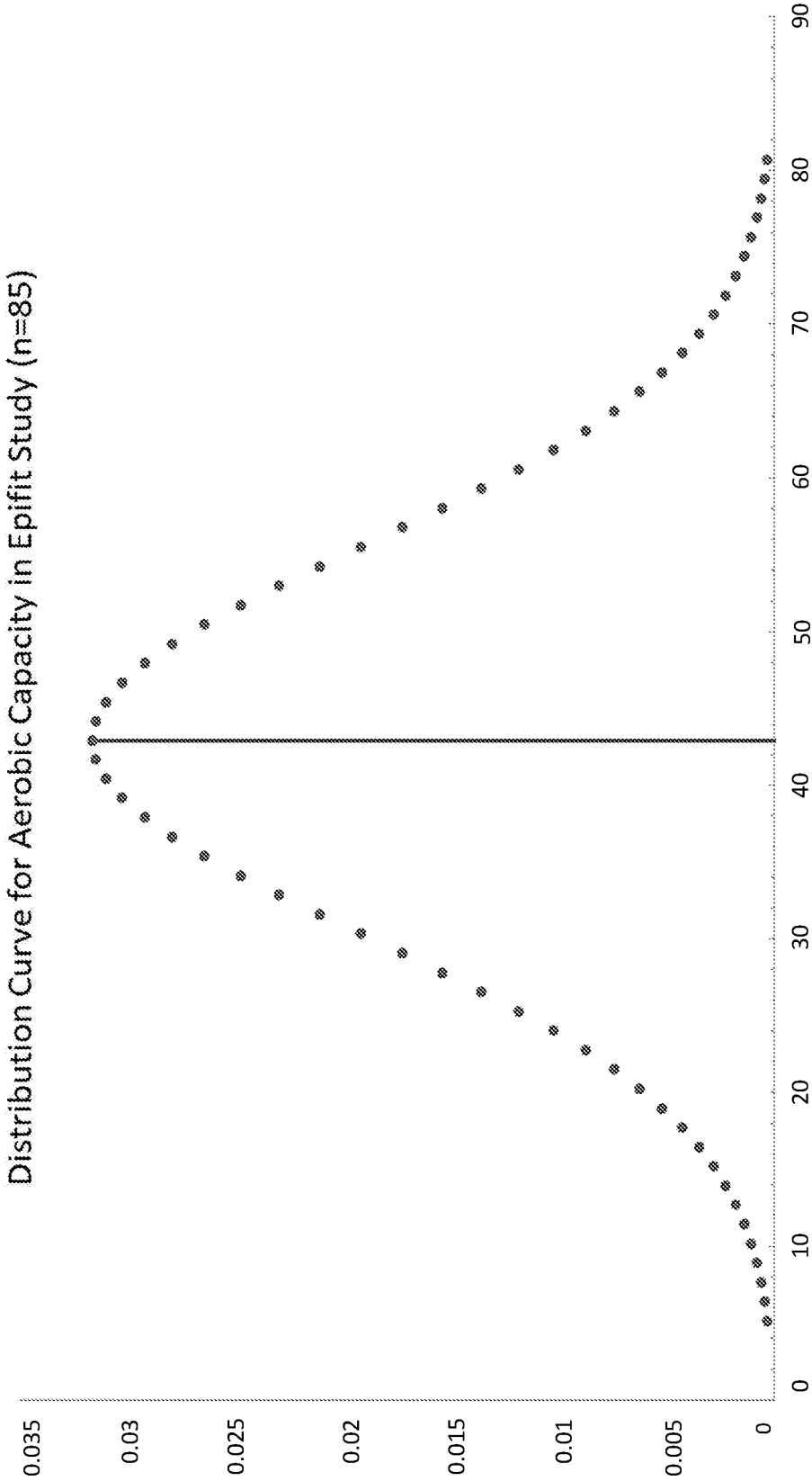


Figure 8

Figure 9

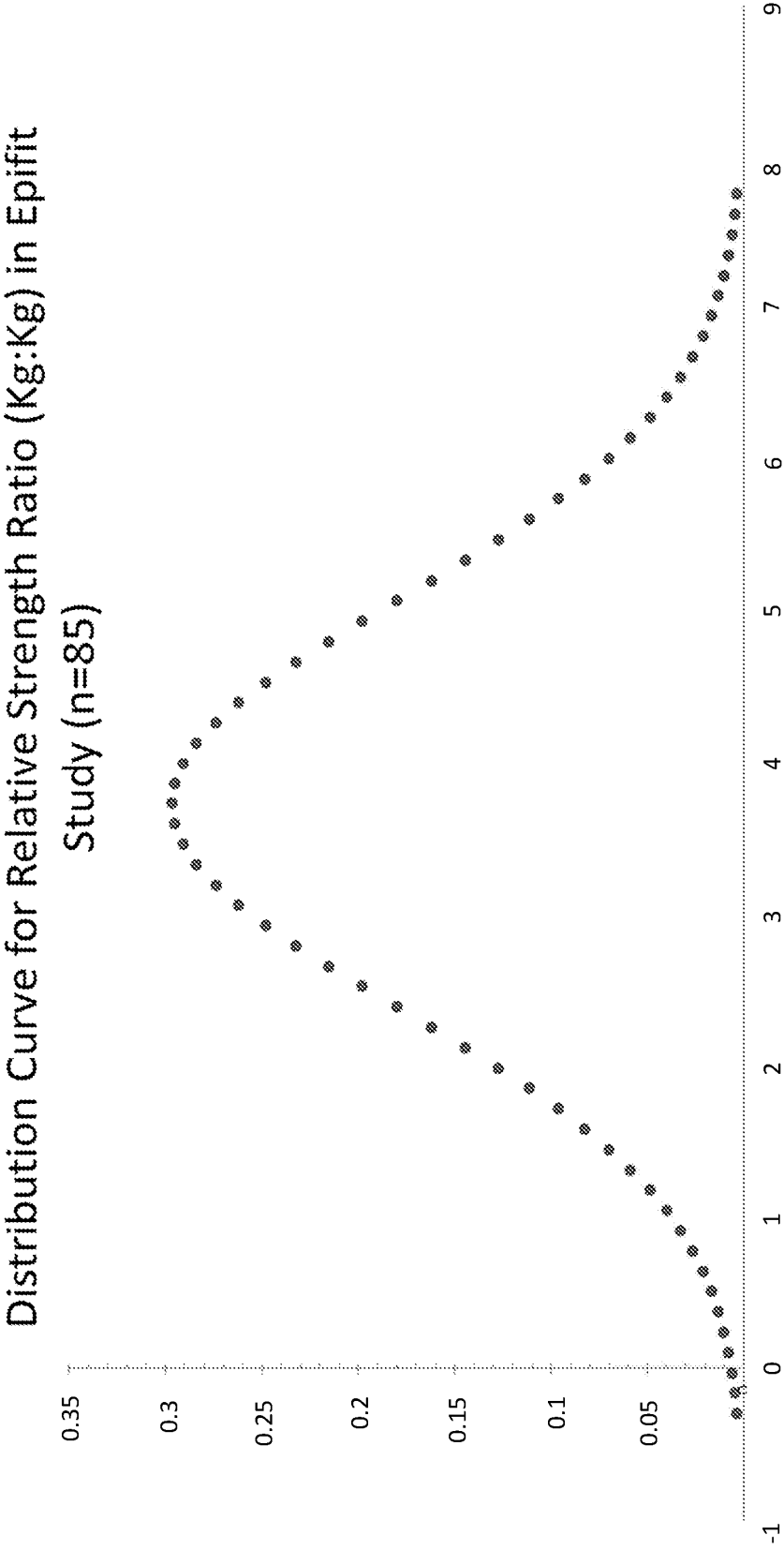


Figure 10

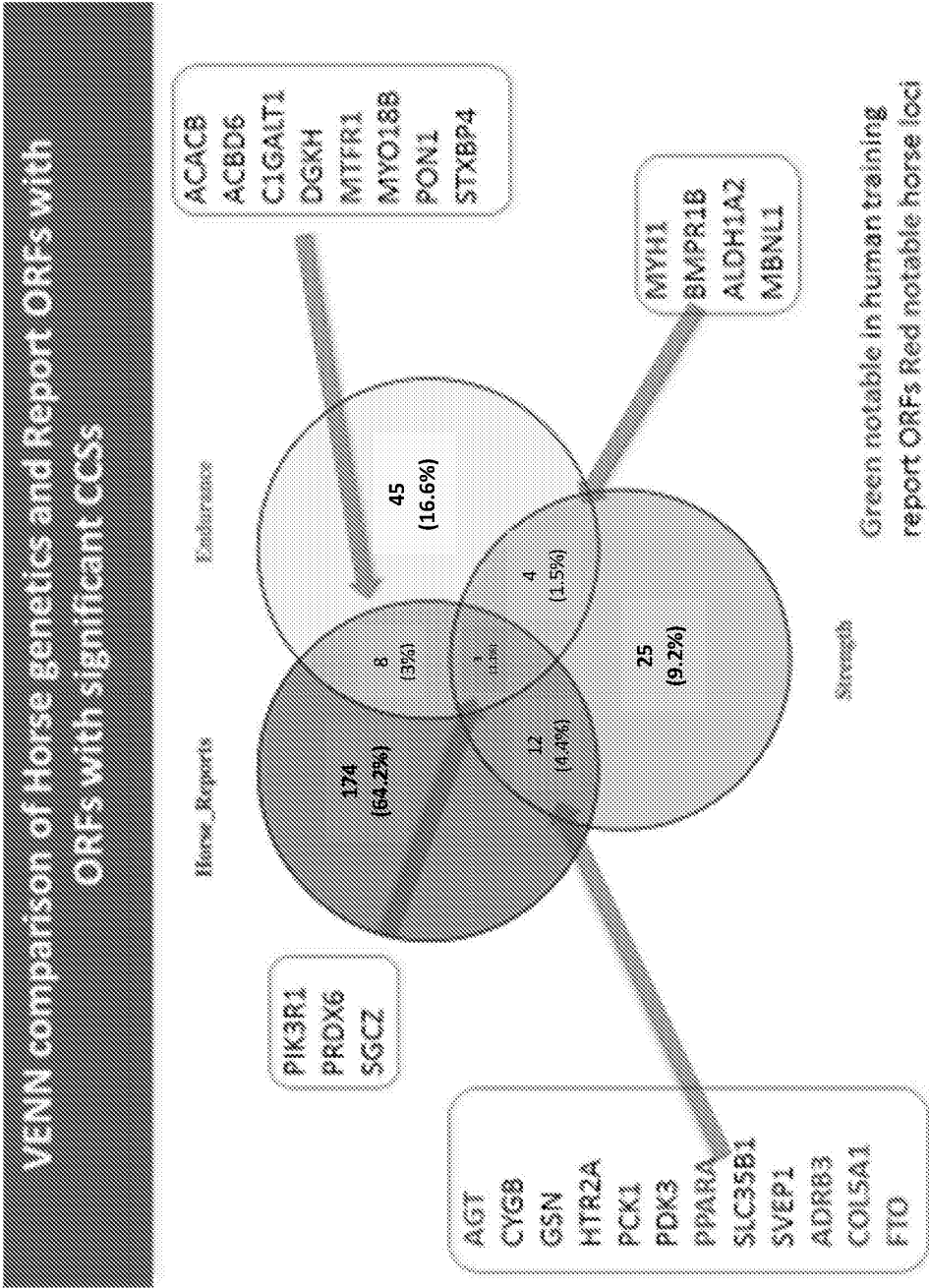
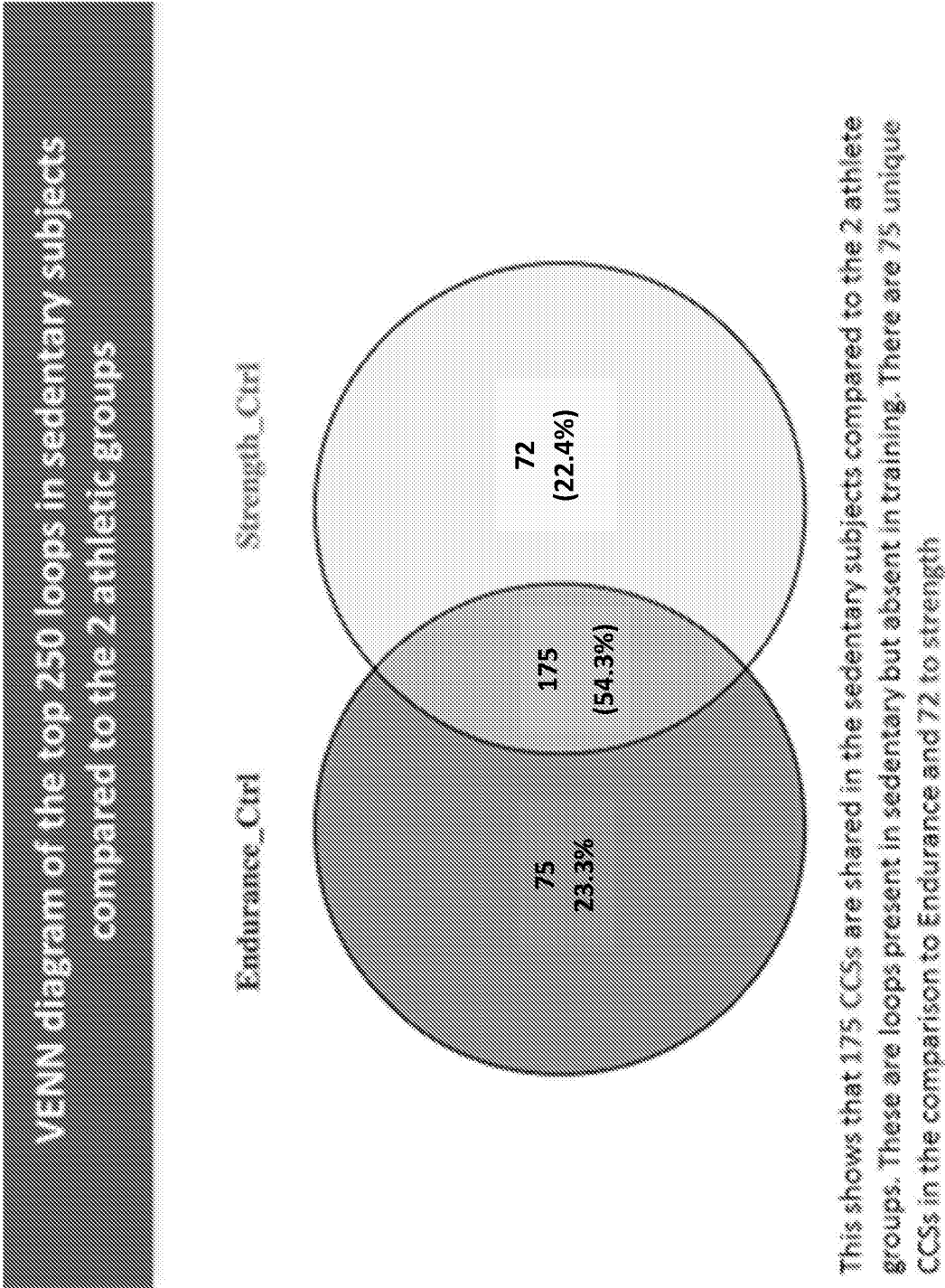


Figure 11



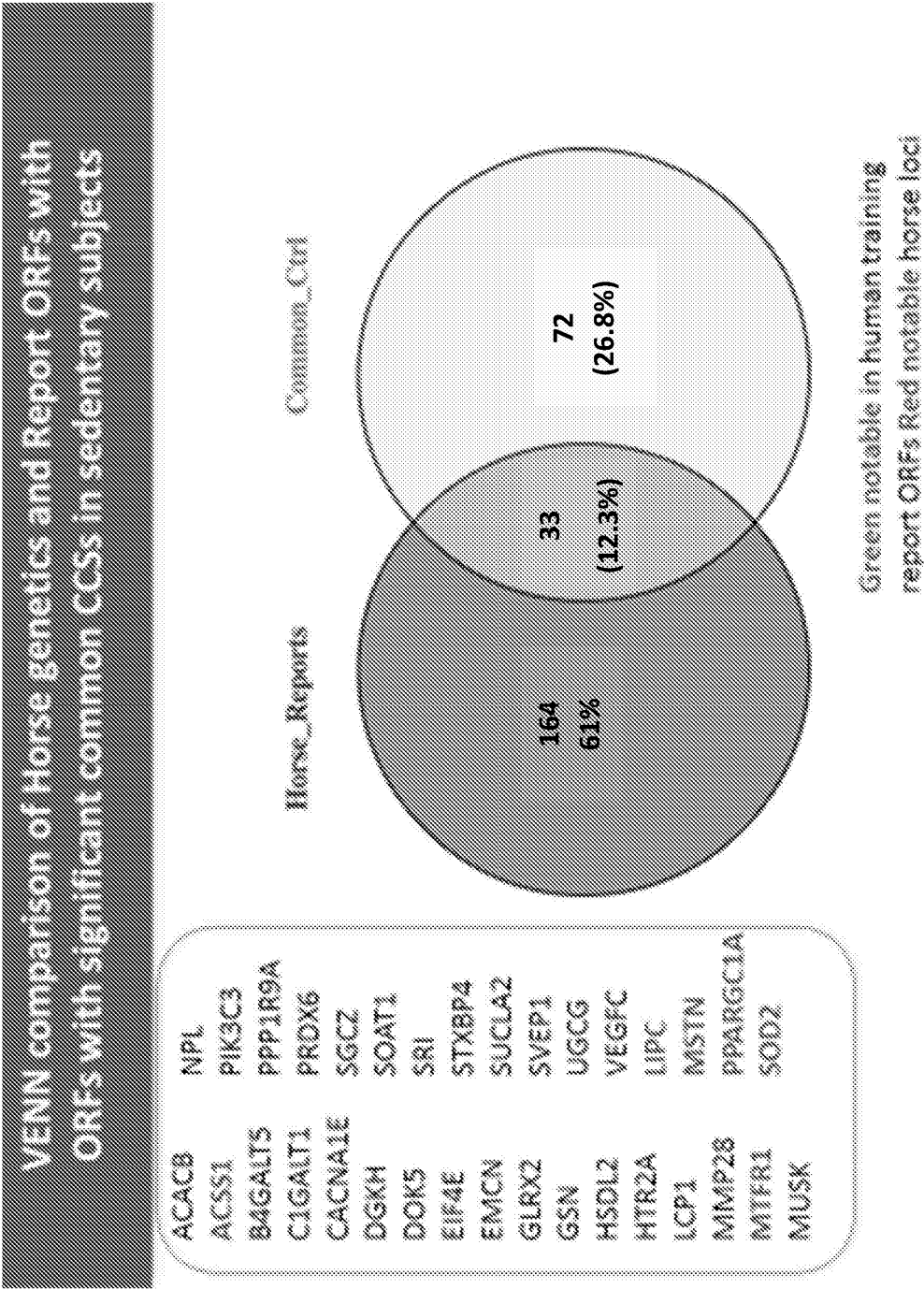


Figure 12

Figure 13

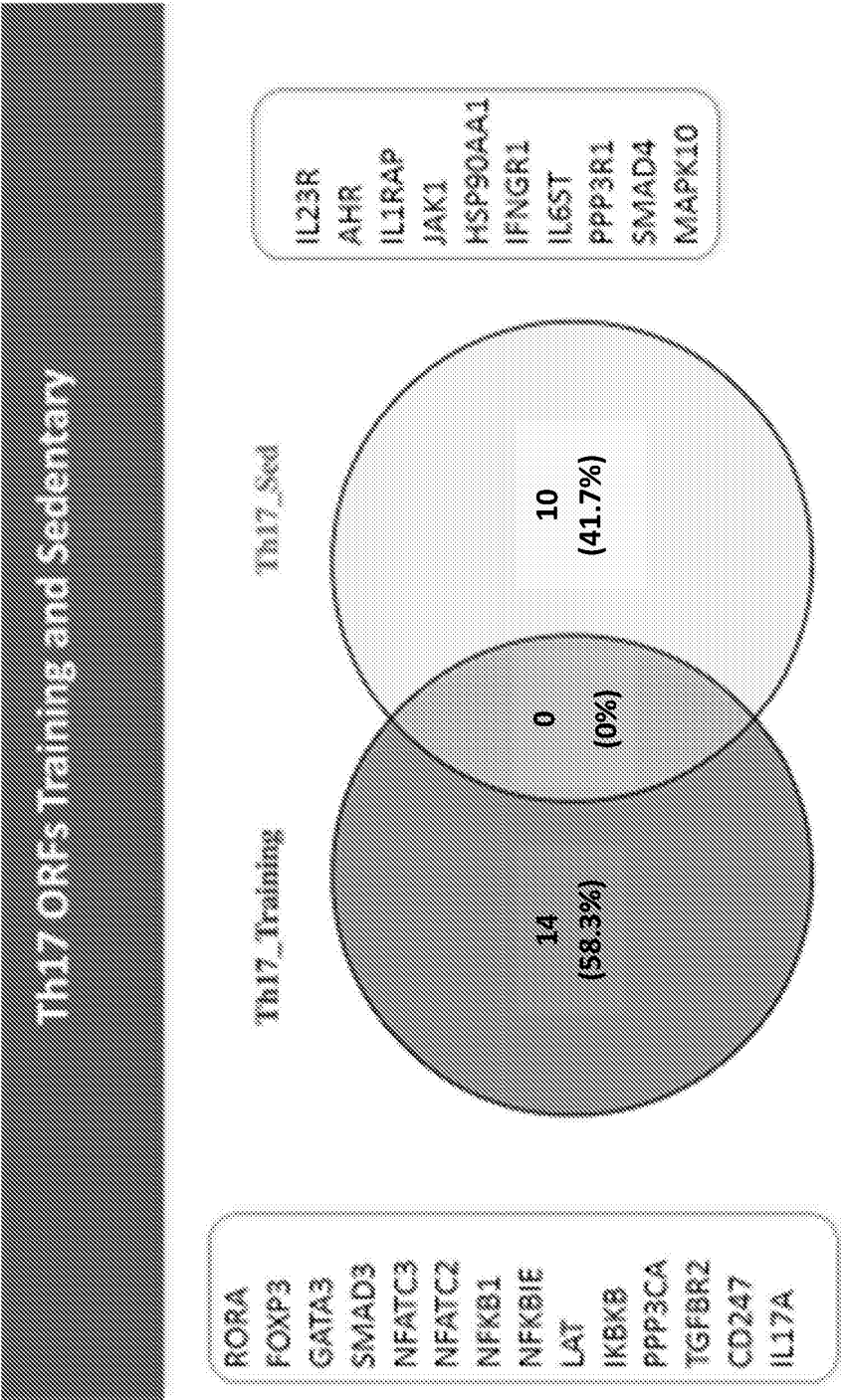
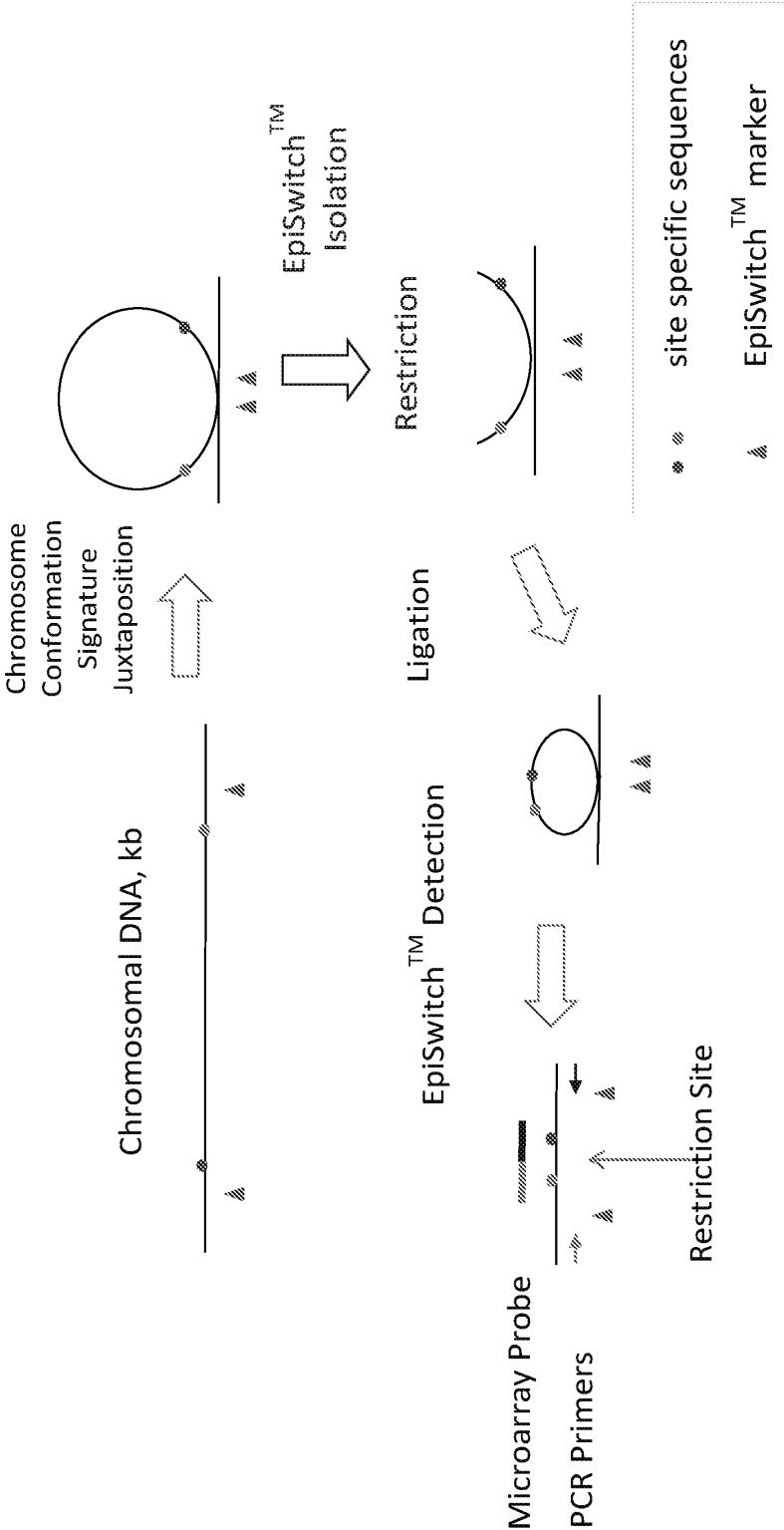


Figure 14



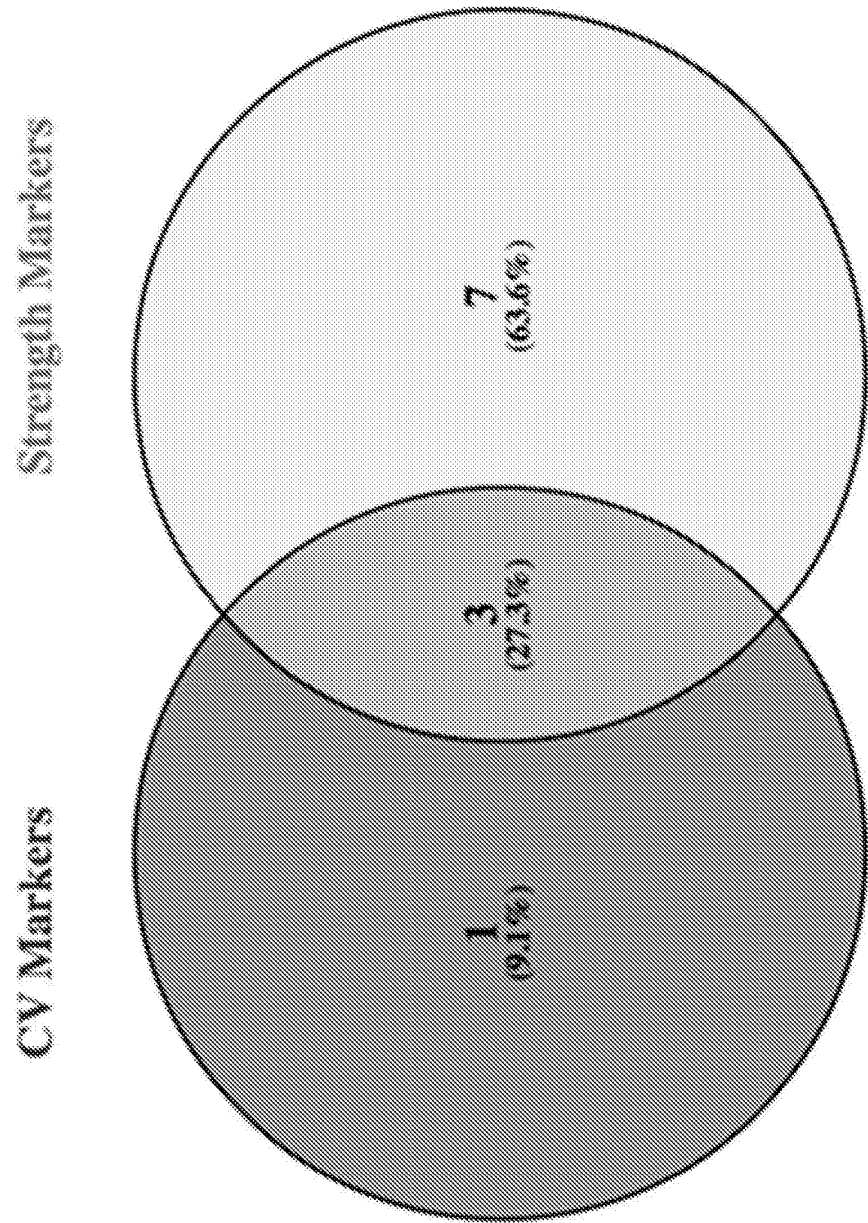


Figure 15

Figure 16

	A		B		C		D	
1	Marker		Stats_CV	Stats_CS	Marker			
2	OBD142_433.435		0.01290572	0.328290877	OBD142_433.435			
3	OBD142_353.355		0.02356851	0.201245427	OBD142_353.355			
4	OBD142_261.263		0.03096974	0.08554256	OBD142_261.263			
5	OBD142_513.515		0.03583026	1	OBD142_513.515			
6	OBD142_021.023		0.06817021	0.08653307	OBD142_021.023			
7	OBD142_313.315		0.06915879	0.024329662	OBD142_313.315			
8	OBD142_073.075		0.08839179	0.014782786	OBD142_073.075			
9	Group_s2		0.08839179	0.077405989	Group_v2			
10	OBD142_205.207		0.09164972	1	OBD142_205.207			
11	OBD142_461.463		0.09164972	0.01770556	OBD142_461.463			
12	OBD142_497.499		0.09164972	0.247600428	OBD142_497.499			

Figure 17

	A		B		C		D
1	Marker	Stats_CS	Stats_CV	Marker			
2	O8D142_073.075	0.014782786	0.08839179	O8D142_073.075			
3	O8D142_029.031	0.01770556	1	O8D142_029.031			
4	O8D142_461.463	0.01770556	0.09164972	O8D142_461.463			
5	O8D142_169.171	0.02169621	1	O8D142_169.171			
6	O8D142_429.431	0.023549199	1	O8D142_429.431			
7	O8D142_313.315	0.024329662	0.06915879	O8D142_313.315			
8	O8D142_493.495	0.030273855	0.68608314	O8D142_493.495			
9	O8D142_457.459	0.043391466	0.69003797	O8D142_457.459			
10	O8D142_277.279	0.048135281	0.21510564	O8D142_277.279			
11	O8D142_021.023	0.065754175	0.15236533	O8D142_021.023			
12	O8D142_209.211	0.065754175	0.50892571	O8D142_209.211			
13	O8D142_389.391	0.065754175	1	O8D142_389.391			
14	O8D142_397.399	0.065754175	1	O8D142_397.399			
15	Group_v2	0.077405989	0.08839179	Group_s2			
16	O8D142_261.263	0.08554256	0.03096974	O8D142_261.263			
17	O8D142_345.347	0.08554256	1	O8D142_345.347			
18	O8D142_077.079	0.08653307	1	O8D142_077.079			
19	O8D142_109.111	0.109796792	1	O8D142_109.111			
20	O8D142_273.275	0.110314369	0.50892571	O8D142_273.275			
21	O8D142_473.475	0.110314369	1	O8D142_473.475			

Figure 18

	A	B	C	D	E	F	G
1	Probe	Chr	Horse_Genomic	Human_Genomic	Marker_Type		
2	OBD154_013.015_1x	ORF37_7_80905043_80905799_80946828_80948039_FF	AMPP	ARNTL	DKK3		Sprinter
3	OBD154_041.043_1.4x	ORF24_7_26919921_26921163_26962320_26963327_RF	TAGLN		CBL	MCAM	Stayer
4	OBD154_049.051_1.4x	ORF1_3_38982976_38984987_38987821_38982754_RR	MCLR		NFKB1		Stayer
5	OBD154_073.075_1x	ORF12_28_42033251_42034839_42111316_42112829_FR	PPARA		PPARA		Stayer
6	OBD154_085.087_1.2x	ORF31_24_18025107_18025879_18089550_18090204_FR	SYNU28P	DIO2	RG56		Sprinter
7	OBD154_093.095_1.2x	ORF28_19_27971050_27974189_28029396_28030610_FR	TFRC	MIR1248	IL1RAP		Sprinter
8	OBD154_125.127_1.2x	ORF51_4_788561_790967_729450_732106_FR	CCDC136		CD36		Sprinter
9	OBD154_157.159_1.2x	ORF86_19_45858761_45861211_45775880_45782396_RR	EEF1A1		PLCO2	PHLD82	Stayer
10	OBD154_229.231_1x	ORF73_16_84538528_84540820_84582113_84585716_FR			MBNL1		Sprinter
11	OBD154_245.247_1x	ORF88_3_100800337_100801373_100744664_100751637_FF	MIR218		PPARGC1A		Sprinter