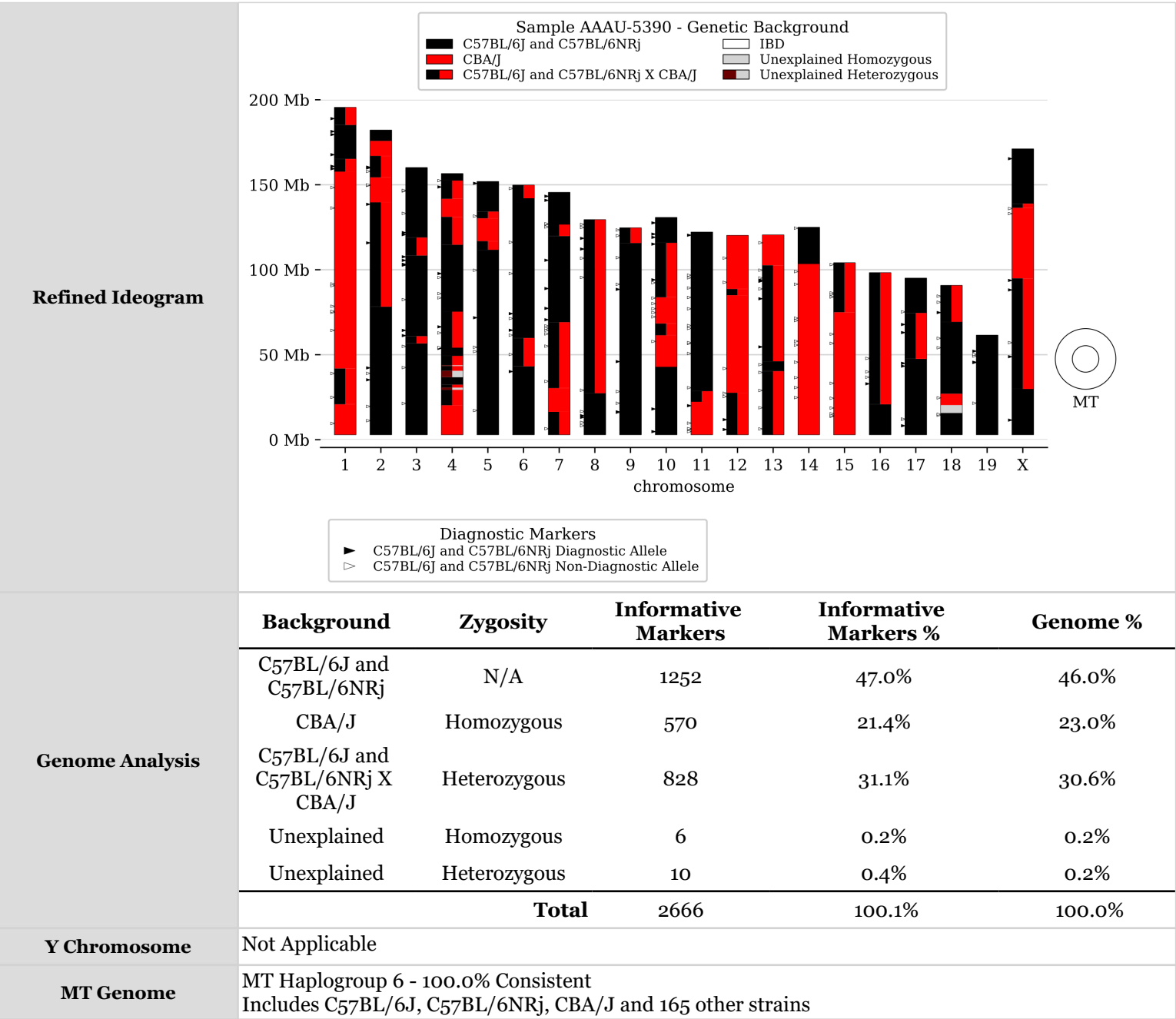


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[illegible]

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Backgrounds Detected (Diagnostic Alleles)	Diagnostic Alleles Observed				
	Diagnostic Class	Homozygous	Heterozygous	Potential	% Observed
	C57BL/6J, C57BL/6JJicTac, C57BL/6JRj	8	32	102	39.2%
	C57BL/6J, C57BL/6JEiJ, C57BL/6JJicTac, C57BL/6JRj	4	4	21	38.1%
	C57BL/6J, C57BL/6JRj	2	5	31	22.6%
	C57BL/6NRj, C57BL/6NTac	1	7	15	53.3%
	C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	2	2	10	40.0%
	B6N-Tyr<c-Brd>/BrdCrCrl, C57BL/6NCrl, C57BL/6NHsd, C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	1	0	2	50.0%
	C57BL/6NCrl, C57BL/6NHsd, C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	0	2	2	100.0%
	C57BL/6NRj	0	2	10	20.0%
	129S5/SvEvBrd	0	1	5	20.0%
	B6N-Tyr<c-Brd>/BrdCrCrl, C57BL/6J, C57BL/6JEiJ, C57BL/6JJicTac, C57BL/6JRj	0	1	1	100.0%
	C57BL/6NHsd, C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	0	1	1	100.0%
Minimal Strain Sets Explaining All Diagnostic Classes (Number of Markers Explained): <ul style="list-style-type: none">Solution 1: 129S5/SvEvBrd and C57BL/6J and C57BL/6NRj<ul style="list-style-type: none">C57BL/6J: 56 / 155 (36.1%)C57BL/6NRj: 18 / 40 (45.0%)129S5/SvEvBrd: 1 / 5 (20.0%)Solution 2: 129S5/SvEvBrd and C57BL/6JRj and C57BL/6NRj<ul style="list-style-type: none">C57BL/6JRj: 56 / 155 (36.1%)C57BL/6NRj: 18 / 40 (45.0%)129S5/SvEvBrd: 1 / 5 (20.0%)					
Chromosome	Start (Mb)	Stop (Mb)	Background	Zygosity	
1	3000000	20833151	CBA/J	Homozygous	
1	20833151	41869819	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous	
1	41869819	157713559	CBA/J	Homozygous	
1	157713559	165183608	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous	
1	165183608	185190026	C57BL/6J and C57BL/6NRj	N/A	
1	185190026	195471971	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous	
2	3000000	78267191	C57BL/6J and C57BL/6NRj	N/A	
2	78267191	139631657	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous	
2	139631657	154349372	CBA/J	Homozygous	
2	154349372	166963888	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous	
2	166963888	175780822	CBA/J	Homozygous	
2	175780822	182113224	C57BL/6J and C57BL/6NRj	N/A	
3	3000000	56655047	C57BL/6J and C57BL/6NRj	N/A	

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Diplotype Intervals	3	56655047	60850190	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	3	60850190	108381941	C57BL/6J and C57BL/6NRj	N/A
	3	108381941	118919242	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	3	118919242	160039680	C57BL/6J and C57BL/6NRj	N/A
	4	3000000	20258658	CBA/J	Homozygous
	4	20258658	29346519	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	4	29346519	30650814	Unexplained	Heterozygous
	4	30650814	32327128	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	4	32327128	36784495	C57BL/6J and C57BL/6NRj	N/A
	4	36784495	40531709	Unexplained	Heterozygous
	4	40531709	43372387	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	4	43372387	43819249	Unexplained	Heterozygous
	4	43819249	49280860	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	4	49280860	54114833	C57BL/6J and C57BL/6NRj	N/A
	4	54114833	75318594	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	4	75318594	114710010	C57BL/6J and C57BL/6NRj	N/A
	4	114710010	131104093	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	4	131104093	141726218	CBA/J	Homozygous
	4	141726218	152440879	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	4	152440879	156508116	C57BL/6J and C57BL/6NRj	N/A
	5	3000000	111745102	C57BL/6J and C57BL/6NRj	N/A
	5	111745102	116795433	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	5	116795433	130280923	CBA/J	Homozygous
	5	130280923	134172373	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	5	134172373	151834684	C57BL/6J and C57BL/6NRj	N/A
	6	3000000	43184432	C57BL/6J and C57BL/6NRj	N/A
	6	43184432	59791688	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	6	59791688	142043514	C57BL/6J and C57BL/6NRj	N/A
	6	142043514	149736546	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	7	3000000	16360273	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	7	16360273	30335112	CBA/J	Homozygous

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	7	30335112	69096424	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	7	69096424	119823617	C57BL/6J and C57BL/6NRj	N/A
	7	119823617	126580094	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	7	126580094	145441459	C57BL/6J and C57BL/6NRj	N/A
	8	30000000	27348459	C57BL/6J and C57BL/6NRj	N/A
	8	27348459	129401213	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	9	30000000	115715944	C57BL/6J and C57BL/6NRj	N/A
	9	115715944	124595110	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	10	30000000	42858234	C57BL/6J and C57BL/6NRj	N/A
	10	42858234	61450853	CBA/J	Homozygous
	10	61450853	68332199	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	10	68332199	83779430	CBA/J	Homozygous
	10	83779430	115781736	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	10	115781736	130694993	C57BL/6J and C57BL/6NRj	N/A
	11	30000000	22302070	CBA/J	Homozygous
	11	22302070	28525615	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	11	28525615	122082543	C57BL/6J and C57BL/6NRj	N/A
	12	30000000	27585493	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	12	27585493	85015902	CBA/J	Homozygous
	12	85015902	88650858	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	12	88650858	120129022	CBA/J	Homozygous
	13	30000000	40278277	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	13	40278277	46136691	C57BL/6J and C57BL/6NRj	N/A
	13	46136691	102595519	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	13	102595519	120421639	CBA/J	Homozygous
	14	30000000	103377147	CBA/J	Homozygous
	14	103377147	124902244	C57BL/6J and C57BL/6NRj	N/A
	15	30000000	74996398	CBA/J	Homozygous
	15	74996398	104043685	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	16	30000000	20813513	C57BL/6J and C57BL/6NRj	N/A
	16	20813513	98207768	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	17	30000000	47545390	C57BL/6J and C57BL/6NRj	N/A

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	17	47545390	74502727	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	17	74502727	94987271	C57BL/6J and C57BL/6NRj	N/A
	18	30000000	15685654	C57BL/6J and C57BL/6NRj	N/A
	18	15685654	20363699	Unexplained	Homozygous
	18	20363699	27036500	CBA/J	Homozygous
	18	27036500	69337106	C57BL/6J and C57BL/6NRj	N/A
	18	69337106	90702639	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	19	30000000	61431566	C57BL/6J and C57BL/6NRj	N/A
	X	30000000	29836043	C57BL/6J and C57BL/6NRj	N/A
	X	29836043	94918419	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	X	94918419	136441962	CBA/J	Homozygous
	X	136441962	138881041	C57BL/6J and C57BL/6NRj and CBA/J	Heterozygous
	X	138881041	171031299	C57BL/6J and C57BL/6NRj	N/A
	MT	o	o	IBD	Hemizygous