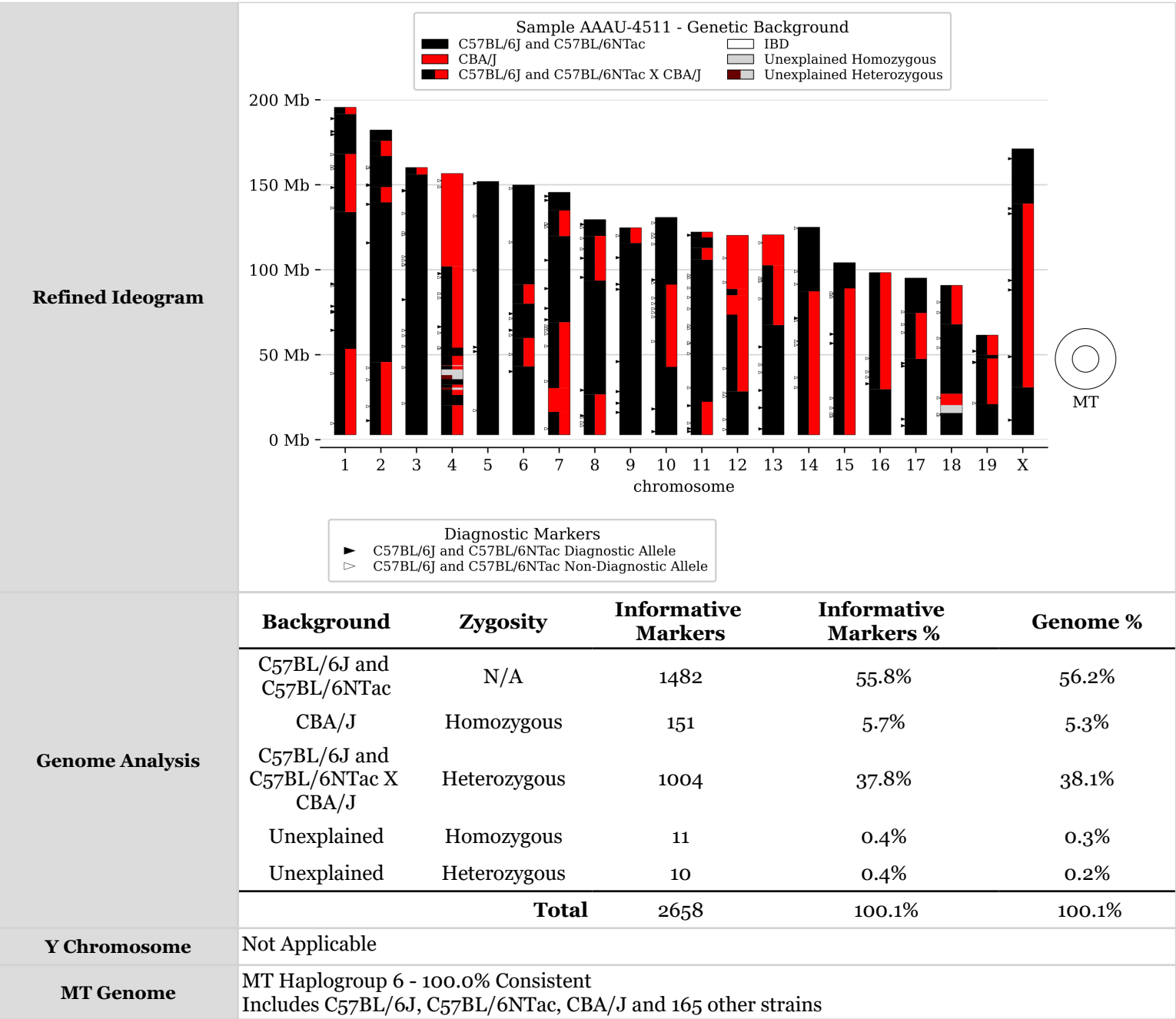


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[illegible]

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Backgrounds Detected (Diagnostic Alleles)	Diagnostic Alleles Observed				
	Diagnostic Class	Homozygous	Heterozygous	Potential	% Observed
	C57BL/6J, C57BL/6JJicTac, C57BL/6JRj	3	26	102	28.4%
	C57BL/6NRj, C57BL/6NTac	3	8	15	73.3%
	C57BL/6J, C57BL/6JEiJ, C57BL/6JJicTac, C57BL/6JRj	1	8	21	42.9%
	C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	2	5	10	70.0%
	C57BL/6J, C57BL/6JRj	0	7	31	22.6%
	B6N-Tyr<c-Brd>/BrdCrCrl, C57BL/6NCrl, C57BL/6NHsd, C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	1	1	2	100.0%
	B6N-Tyr<c-Brd>/BrdCrCrl, C57BL/6J, C57BL/6JJicTac, C57BL/6JRj	0	2	5	40.0%
	C57BL/6NCrl, C57BL/6NHsd, C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	0	2	2	100.0%
	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/6J, C57BL/6JBomTac, C57BL/6JEiJ, C57BL/6JJicTac, C57BL/6JolaHsd, C57BL/6JRj	0	1	2	50.0%
	C57BL/6NHsd, C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	0	1	1	100.0%
	C57BL/6NRj	0	1	10	10.0%
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: 49 / 162 (30.2%)C57BL/6NRj: 24 / 40 (60.0%)129S5/SvEvBrd: 1 / 5 (20.0%)Solution 2: 129S5/SvEvBrd and C57BL/6JRj and C57BL/6NRj<ul style="list-style-type: none">C57BL/6JRj: 49 / 162 (30.2%)C57BL/6NRj: 24 / 40 (60.0%)129S5/SvEvBrd: 1 / 5 (20.0%)					
Chromosome	Start (Mb)	Stop (Mb)	Background	Zygosity	
1	3000000	53457225	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous	
1	53457225	133964494	C57BL/6J and C57BL/6NTac	N/A	
1	133964494	168019536	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous	
1	168019536	191629867	C57BL/6J and C57BL/6NTac	N/A	
1	191629867	195471971	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous	
2	3000000	45666278	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous	
2	45666278	139631657	C57BL/6J and C57BL/6NTac	N/A	
2	139631657	148625771	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous	
2	148625771	166963888	C57BL/6J and C57BL/6NTac	N/A	
2	166963888	175780822	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous	

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Diplotype Intervals	2	175780822	182113224	C57BL/6J and C57BL/6NTac	N/A
	3	3000000	156090101	C57BL/6J and C57BL/6NTac	N/A
	3	156090101	160039680	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	4	3000000	20258658	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	4	20258658	26280383	C57BL/6J and C57BL/6NTac	N/A
	4	26280383	29346519	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	4	29346519	30650814	Unexplained	Heterozygous
	4	30650814	32327128	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	4	32327128	35563307	C57BL/6J and C57BL/6NTac	N/A
	4	35563307	37995481	Unexplained	Heterozygous
	4	37995481	41348396	Unexplained	Homozygous
	4	41348396	43372387	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	4	43372387	43819249	Unexplained	Heterozygous
	4	43819249	49280860	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	4	49280860	54114833	C57BL/6J and C57BL/6NTac	N/A
	4	54114833	101914190	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	4	101914190	156508116	CBA/J	Homozygous
	5	3000000	151834684	C57BL/6J and C57BL/6NTac	N/A
	6	3000000	43184432	C57BL/6J and C57BL/6NTac	N/A
	6	43184432	59791688	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	6	59791688	80057017	C57BL/6J and C57BL/6NTac	N/A
	6	80057017	91366295	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	6	91366295	149736546	C57BL/6J and C57BL/6NTac	N/A
	7	3000000	16360273	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	7	16360273	30335112	CBA/J	Homozygous
	7	30335112	69096424	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	7	69096424	119823617	C57BL/6J and C57BL/6NTac	N/A
	7	119823617	134805535	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	7	134805535	145441459	C57BL/6J and C57BL/6NTac	N/A
	8	3000000	26598325	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	8	26598325	93626178	C57BL/6J and C57BL/6NTac	N/A

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	8	93626178	119835722	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	8	119835722	129401213	C57BL/6J and C57BL/6NTac	N/A
	9	3000000	115715944	C57BL/6J and C57BL/6NTac	N/A
	9	115715944	124595110	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	10	3000000	42858234	C57BL/6J and C57BL/6NTac	N/A
	10	42858234	91235291	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	10	91235291	130694993	C57BL/6J and C57BL/6NTac	N/A
	11	3000000	22302070	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	11	22302070	105886229	C57BL/6J and C57BL/6NTac	N/A
	11	105886229	112771442	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	11	112771442	119038285	C57BL/6J and C57BL/6NTac	N/A
	11	119038285	122082543	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	12	3000000	28407677	C57BL/6J and C57BL/6NTac	N/A
	12	28407677	73558201	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	12	73558201	85015902	CBA/J	Homozygous
	12	85015902	88650858	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	12	88650858	120129022	CBA/J	Homozygous
	13	3000000	67442927	C57BL/6J and C57BL/6NTac	N/A
	13	67442927	102595519	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	13	102595519	120421639	CBA/J	Homozygous
	14	3000000	87213383	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	14	87213383	124902244	C57BL/6J and C57BL/6NTac	N/A
	15	3000000	89025824	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	15	89025824	104043685	C57BL/6J and C57BL/6NTac	N/A
	16	3000000	29701002	C57BL/6J and C57BL/6NTac	N/A
	16	29701002	98207768	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	17	3000000	47545390	C57BL/6J and C57BL/6NTac	N/A
	17	47545390	74502727	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	17	74502727	94987271	C57BL/6J and C57BL/6NTac	N/A
	18	3000000	15685654	C57BL/6J and C57BL/6NTac	N/A

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	18	15685654	20363699	Unexplained	Homozygous
	18	20363699	27036500	CBA/J	Homozygous
	18	27036500	67937187	C57BL/6J and C57BL/6NTac	N/A
	18	67937187	90702639	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	19	30000000	20955280	C57BL/6J and C57BL/6NTac	N/A
	19	20955280	47746251	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	19	47746251	49870985	C57BL/6J and C57BL/6NTac	N/A
	19	49870985	61431566	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	X	30000000	30815921	C57BL/6J and C57BL/6NTac	N/A
	X	30815921	138881041	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	X	138881041	171031299	C57BL/6J and C57BL/6NTac	N/A
	MT	o	o	IBD	Hemizygous