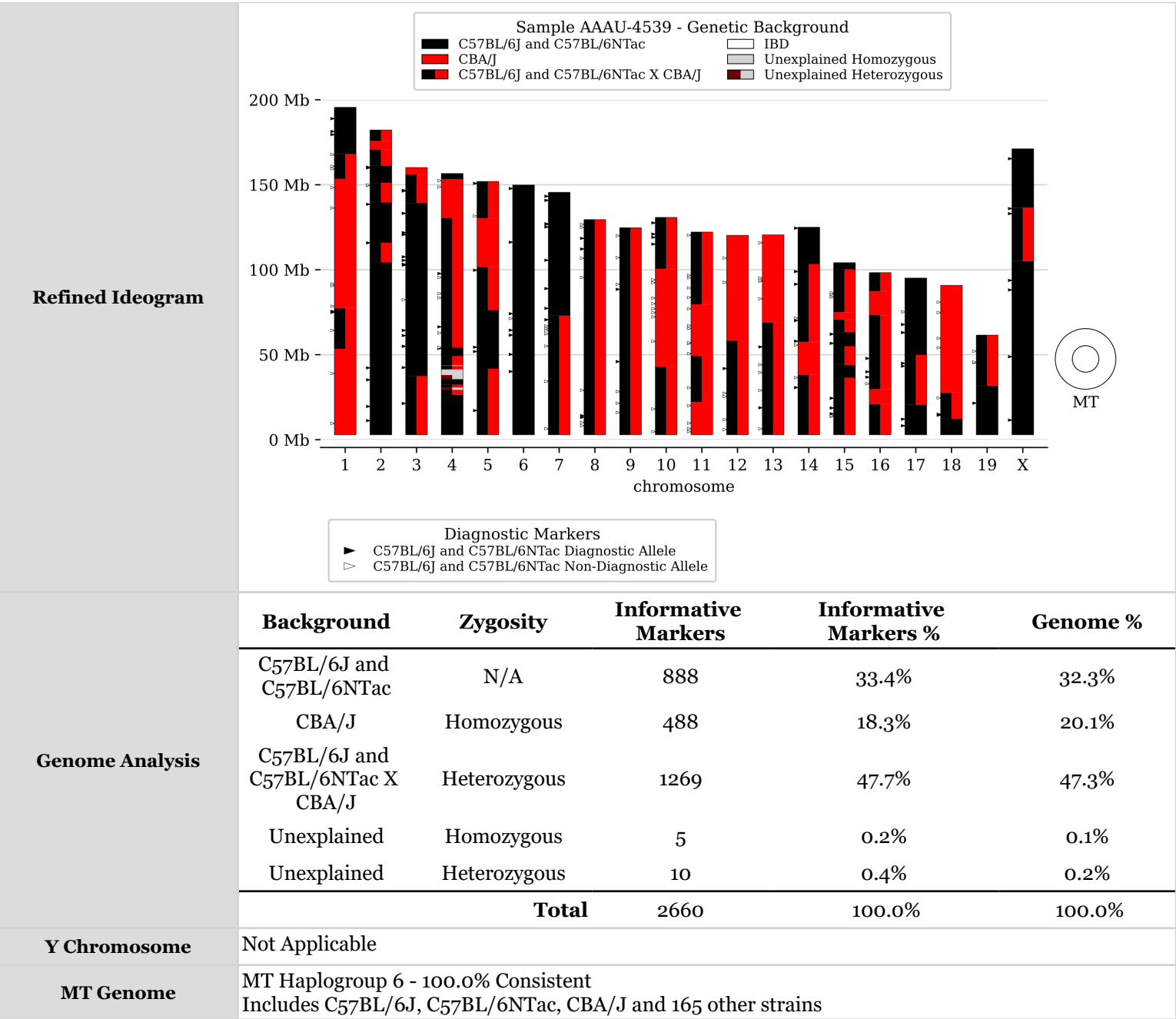


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[illegible]

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Backgrounds Detected (Diagnostic Alleles)	Diagnostic Alleles Observed				
	Diagnostic Class	Homozygous	Heterozygous	Potential	% Observed
	C57BL/6J, C57BL/6JJicTac, C57BL/6JRj	13	39	102	51.0%
	C57BL/6J, C57BL/6JRj	4	8	31	38.7%
	C57BL/6J, C57BL/6JEiJ, C57BL/6JJicTac, C57BL/6JRj	2	11	21	61.9%
	C57BL/6NRj, C57BL/6NTac	0	7	15	46.7%
	C57BL/6NJ, C57BL/6NRj, C57BL/6NTac	0	4	10	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/6JBomTac, C57BL/6JEiJ, C57BL/6JJicTac, C57BL/6JolaHsd, C57BL/6JRj	0	1	2	50.0%
	B6N-Tyr<c-Brd>/BrdCrCrl, C57BL/6J, C57BL/6JEiJ, C57BL/6JJicTac, C57BL/6JRj	0	1	1	100.0%
	B6N-Tyr<c-Brd>/BrdCrCrl, C57BL/6J, C57BL/6JJicTac, C57BL/6JRj	0	1	5	20.0%
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: 80 / 162 (49.4%)C57BL/6NRj: 16 / 40 (40.0%)129S5/SvEvBrd: 1 / 5 (20.0%)Solution 2: 129S5/SvEvBrd and C57BL/6JRj and C57BL/6NRj<ul style="list-style-type: none">C57BL/6JRj: 80 / 162 (49.4%)C57BL/6NRj: 16 / 40 (40.0%)129S5/SvEvBrd: 1 / 5 (20.0%)					
	Chromosome	Start (Mb)	Stop (Mb)	Background	Zygosity
	1	3000000	53457225	CBA/J	Homozygous
	1	53457225	77401276	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	1	77401276	153548642	CBA/J	Homozygous
	1	153548642	168019536	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	1	168019536	195471971	C57BL/6J and C57BL/6NTac	N/A
	2	3000000	104448986	C57BL/6J and C57BL/6NTac	N/A
	2	104448986	115970567	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	2	115970567	139631657	C57BL/6J and C57BL/6NTac	N/A
	2	139631657	151062687	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	2	151062687	161221795	C57BL/6J and C57BL/6NTac	N/A

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Diplotype Intervals	2	161221795	170694096	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	2	170694096	175780822	CBA/J	Homozygous
	2	175780822	182113224	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	3	30000000	37371933	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	3	37371933	139297311	C57BL/6J and C57BL/6NTac	N/A
	3	139297311	156090101	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	3	156090101	160039680	CBA/J	Homozygous
	4	30000000	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	130336992	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	4	130336992	153356388	CBA/J	Homozygous
	4	153356388	156508116	C57BL/6J and C57BL/6NTac	N/A
	5	30000000	41755530	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	5	41755530	76250760	C57BL/6J and C57BL/6NTac	N/A
	5	76250760	101581477	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	5	101581477	130280923	CBA/J	Homozygous
	5	130280923	151834684	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	6	30000000	149736546	C57BL/6J and C57BL/6NTac	N/A
	7	30000000	72944748	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	7	72944748	145441459	C57BL/6J and C57BL/6NTac	N/A
	8	30000000	129401213	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	9	30000000	124595110	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	10	30000000	42917049	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous

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	10	42917049	100561092	CBA/J	Homozygous
	10	100561092	130694993	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	11	30000000	22302070	CBA/J	Homozygous
	11	22302070	49269299	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	11	49269299	79617327	CBA/J	Homozygous
	11	79617327	122082543	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	12	30000000	58307190	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	12	58307190	120129022	CBA/J	Homozygous
	13	30000000	68886272	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	13	68886272	120421639	CBA/J	Homozygous
	14	30000000	38092288	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	14	38092288	57544602	CBA/J	Homozygous
	14	57544602	103377147	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	14	103377147	124902244	C57BL/6J and C57BL/6NTac	N/A
	15	30000000	36473640	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	15	36473640	44010563	C57BL/6J and C57BL/6NTac	N/A
	15	44010563	55016741	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	15	55016741	63227188	C57BL/6J and C57BL/6NTac	N/A
	15	63227188	70554147	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	15	70554147	74996398	CBA/J	Homozygous
	15	74996398	100173036	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	15	100173036	104043685	C57BL/6J and C57BL/6NTac	N/A
	16	30000000	20813513	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	16	20813513	29701002	CBA/J	Homozygous
	16	29701002	73280590	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	16	73280590	87403166	CBA/J	Homozygous
	16	87403166	98207768	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	17	30000000	20616647	C57BL/6J and C57BL/6NTac	N/A
	17	20616647	49885651	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	17	49885651	94987271	C57BL/6J and C57BL/6NTac	N/A
	18	30000000	12406382	C57BL/6J and C57BL/6NTac	N/A
	18	12406382	27650151	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous

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	18	27650151	90702639	CBA/J	Homozygous
	19	30000000	31636352	C57BL/6J and C57BL/6NTac	N/A
	19	31636352	61431566	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	X	30000000	105020820	C57BL/6J and C57BL/6NTac	N/A
	X	105020820	136441962	C57BL/6J and C57BL/6NTac and CBA/J	Heterozygous
	X	136441962	171031299	C57BL/6J and C57BL/6NTac	N/A
	MT	0	0	IBD	Hemizygous