

Supplemental Table S1. Map positions of PB insertions

sample	group	chrom	address¹	max read #²
Ad129	Ad-T/mCherry only	chr6	6365032	123
Ad130	Ad-T/mCherry + AAV-hyPBase	chr10	121490188	17001
Ad130	Ad-T/mCherry + AAV-hyPBase	chr9	78002056	16518
Ad130	Ad-T/mCherry + AAV-hyPBase	chr10	14708636	16475
Ad130	Ad-T/mCherry + AAV-hyPBase	chr6	29541349	15181
Ad130	Ad-T/mCherry + AAV-hyPBase	chrX	36807243	14737
Ad130	Ad-T/mCherry + AAV-hyPBase	chr13	81334639	13162
Ad130	Ad-T/mCherry + AAV-hyPBase	chr9	66199770	13038
Ad130	Ad-T/mCherry + AAV-hyPBase	chr5	65634194	12379
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	142786169	11317
Ad130	Ad-T/mCherry + AAV-hyPBase	chr12	84616944	10241
Ad130	Ad-T/mCherry + AAV-hyPBase	chr16	76356771	10197
Ad130	Ad-T/mCherry + AAV-hyPBase	chr1	128218943	9644
Ad130	Ad-T/mCherry + AAV-hyPBase	chrX	169320998	9173
Ad130	Ad-T/mCherry + AAV-hyPBase	chrX	113184906	7621
Ad130	Ad-T/mCherry + AAV-hyPBase	chr6	38623212	7339
Ad130	Ad-T/mCherry + AAV-hyPBase	chr18	38298807	6736
Ad130	Ad-T/mCherry + AAV-hyPBase	chr15	57696498	6640
Ad130	Ad-T/mCherry + AAV-hyPBase	chr3	98759134	6630
Ad130	Ad-T/mCherry + AAV-hyPBase	chr4	108832803	6139
Ad130	Ad-T/mCherry + AAV-hyPBase	chr1	187729721	6022
Ad130	Ad-T/mCherry + AAV-hyPBase	chr17	38392120	5109
Ad130	Ad-T/mCherry + AAV-hyPBase	chr16	38100649	4826
Ad130	Ad-T/mCherry + AAV-hyPBase	chr7	47495754	4671
Ad130	Ad-T/mCherry + AAV-hyPBase	chr11	97315062	4391
Ad130	Ad-T/mCherry + AAV-hyPBase	chr16	33277764	4222
Ad130	Ad-T/mCherry + AAV-hyPBase	chr14	30720194	3775
Ad130	Ad-T/mCherry + AAV-hyPBase	chr19	56519985	3608
Ad130	Ad-T/mCherry + AAV-hyPBase	chr3	32454486	3359
Ad130	Ad-T/mCherry + AAV-hyPBase	chr12	79350818	3223
Ad130	Ad-T/mCherry + AAV-hyPBase	chr4	102578121	3194
Ad130	Ad-T/mCherry + AAV-hyPBase	chr15	83167459	2673
Ad130	Ad-T/mCherry + AAV-hyPBase	chr10	94060646	2451
Ad130	Ad-T/mCherry + AAV-hyPBase	chr8	33384124	2427
Ad130	Ad-T/mCherry + AAV-hyPBase	chr12	94397741	2100
Ad130	Ad-T/mCherry + AAV-hyPBase	chr11	116030953	1986
Ad130	Ad-T/mCherry + AAV-hyPBase	chr13	108045379	1852
Ad130	Ad-T/mCherry + AAV-hyPBase	chr5	86924799	1719
Ad130	Ad-T/mCherry + AAV-hyPBase	chr13	38565476	1669

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sample	group	chrom	address¹	max read #²
Ad130	Ad-T/mCherry + AAV-hyPBase	chr5	73254283	1273
Ad130	Ad-T/mCherry + AAV-hyPBase	chr16	46011645	1043
Ad130	Ad-T/mCherry + AAV-hyPBase	chr4	150872748	964
Ad130	Ad-T/mCherry + AAV-hyPBase	chr9	24137727	819
Ad130	Ad-T/mCherry + AAV-hyPBase	chr16	35495575	726
Ad130	Ad-T/mCherry + AAV-hyPBase	chr19	38365398	715
Ad130	Ad-T/mCherry + AAV-hyPBase	chr18	39485547	687
Ad130	Ad-T/mCherry + AAV-hyPBase	chrX	147130129	495
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	176152819	491
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	175470634	490
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	178077843	485
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	176927177	484
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	175275709	477
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	176521625	475
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	177897762	475
Ad130	Ad-T/mCherry + AAV-hyPBase	chr1	191880969	474
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	175141417	473
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	175703074	466
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	175800450	465
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	176799228	465
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	175373083	463
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	177465356	462
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	177759887	454
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	175930476	453
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	177001556	453
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	176424240	442
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	177546523	442
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	177236326	439
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	175605525	435
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	176671171	434
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	176227198	429
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	177397709	421
Ad130	Ad-T/mCherry + AAV-hyPBase	chr4	150425154	219
Ad130	Ad-T/mCherry + AAV-hyPBase	chr2	103485997	210
Ad130	Ad-T/mCherry + AAV-hyPBase	chr7	50383851	196
Ad130	Ad-T/mCherry + AAV-hyPBase	chr3	146579019	192
Ad130	Ad-T/mCherry + AAV-hyPBase	chr1	67104222	147
Ad130	Ad-T/mCherry + AAV-hyPBase	chr14	114074976	93
Ad130	Ad-T/mCherry + AAV-hyPBase	chr11	63702560	65

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sample	group	chrom	address¹	max read #²
Ad130	Ad-T/mCherry + AAV-hyPBase	chr5	77133203	63
Ad130	Ad-T/mCherry + AAV-hyPBase	chr17	92106796	56
Ad130	Ad-T/mCherry + AAV-hyPBase	chr11	98215121	53
Ad131	Ad-T/mCherry + AAV-hyPBase	chr13	18832929	57545
Ad131	Ad-T/mCherry + AAV-hyPBase	chr14	101905932	48623
Ad131	Ad-T/mCherry + AAV-hyPBase	chr15	69062102	32580
Ad131	Ad-T/mCherry + AAV-hyPBase	chr16	33953256	31701
Ad131	Ad-T/mCherry + AAV-hyPBase	chr5	140152426	19726
Ad131	Ad-T/mCherry + AAV-hyPBase	chr6	39076120	16061
Ad131	Ad-T/mCherry + AAV-hyPBase	chr19	32331678	11317
Ad131	Ad-T/mCherry + AAV-hyPBase	chr5	123182349	10884
Ad131	Ad-T/mCherry + AAV-hyPBase	chr7	65693856	8337
Ad131	Ad-T/mCherry + AAV-hyPBase	chr3	87593175	6907
Ad131	Ad-T/mCherry + AAV-hyPBase	chr6	132738069	4363
Ad131	Ad-T/mCherry + AAV-hyPBase	chr19	20515743	3924
Ad131	Ad-T/mCherry + AAV-hyPBase	chr13	104226809	3199
Ad131	Ad-T/mCherry + AAV-hyPBase	chr12	69371229	2264
Ad131	Ad-T/mCherry + AAV-hyPBase	chr2	104129678	1857
Ad131	Ad-T/mCherry + AAV-hyPBase	chr7	73540039	1388
Ad131	Ad-T/mCherry + AAV-hyPBase	chr3	87860004	986
Ad131	Ad-T/mCherry + AAV-hyPBase	chr6	29585019	454
Ad131	Ad-T/mCherry + AAV-hyPBase	chr3	34736584	231
Ad131	Ad-T/mCherry + AAV-hyPBase	chr10	21355632	164
Ad131	Ad-T/mCherry + AAV-hyPBase	chr8	63319085	117
Ad131	Ad-T/mCherry + AAV-hyPBase	chr3	130675984	96
Ad131	Ad-T/mCherry + AAV-hyPBase	chr12	90510024	94
Ad131	Ad-T/mCherry + AAV-hyPBase	chr5	23845034	82
Ad131	Ad-T/mCherry + AAV-hyPBase	chr2	84275652	69
Ad132	Ad-T/mCherry + AAV-hyPBase	chr3	106513780	36001
Ad132	Ad-T/mCherry + AAV-hyPBase	chr14	48156268	33969
Ad132	Ad-T/mCherry + AAV-hyPBase	chr11	116167327	20853
Ad132	Ad-T/mCherry + AAV-hyPBase	chr5	32851244	20555
Ad132	Ad-T/mCherry + AAV-hyPBase	chr9	70262987	17803
Ad132	Ad-T/mCherry + AAV-hyPBase	chr8	47893328	14201
Ad132	Ad-T/mCherry + AAV-hyPBase	chr16	65909388	13482
Ad132	Ad-T/mCherry + AAV-hyPBase	chr10	40475827	12752
Ad132	Ad-T/mCherry + AAV-hyPBase	chr3	148963857	12551
Ad132	Ad-T/mCherry + AAV-hyPBase	chr5	87568586	12516
Ad132	Ad-T/mCherry + AAV-hyPBase	chr15	39810153	12145

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sample	group	chrom	address¹	max read #²
Ad132	Ad-T/mCherry + AAV-hyPBase	chr13	41231930	9650
Ad132	Ad-T/mCherry + AAV-hyPBase	chr18	13655949	9065
Ad132	Ad-T/mCherry + AAV-hyPBase	chr15	59036577	8069
Ad132	Ad-T/mCherry + AAV-hyPBase	chr3	53475843	6152
Ad132	Ad-T/mCherry + AAV-hyPBase	chr18	12956257	5174
Ad132	Ad-T/mCherry + AAV-hyPBase	chr2	36129789	1917
Ad132	Ad-T/mCherry + AAV-hyPBase	chr17	35861117	1892
Ad132	Ad-T/mCherry + AAV-hyPBase	chr9	74871105	1824
Ad132	Ad-T/mCherry + AAV-hyPBase	chr9	108760070	1322
Ad132	Ad-T/mCherry + AAV-hyPBase	chr11	78751811	1146
Ad132	Ad-T/mCherry + AAV-hyPBase	chr12	24686482	853
Ad132	Ad-T/mCherry + AAV-hyPBase	chr4	82622319	810
Ad132	Ad-T/mCherry + AAV-hyPBase	chr6	87038664	780
Ad132	Ad-T/mCherry + AAV-hyPBase	chr7	114192617	566
Ad132	Ad-T/mCherry + AAV-hyPBase	chr6	99312070	423
Ad132	Ad-T/mCherry + AAV-hyPBase	chr14	56367749	301
Ad132	Ad-T/mCherry + AAV-hyPBase	chr8	11476122	231
Ad132	Ad-T/mCherry + AAV-hyPBase	chr6	22141796	153

¹ Map position on mm10 mouse reference genome

² Maximum read number obtained from either left or right inverted repeat