

Table S10: Result of MLPA analysis. For all 33 probes targeting 11 potential CNVs in 54 CD-1 mice and one HAB mouse the copy number status in respect to a LAB sample is shown. The table is sorted by the animal's behavior on the EPM (percent time on the open arm). Red arrows indicate a copy number loss, green arrows a copy number gain with a significant difference indicated by an asterisk (*). Depending on the size of the difference, single and double 'smaller' or 'greater than' symbols are used. More detailed information on the probes genomic position can be found in the "Materials and methods" chapter "Designing of synthetic MLPA probes". The last line of the table contains the p-values of the statistical analysis (Mann-Whitney-U), comparing the results per probe of the two groups of each 27 animals showing the most and the least anxiety-related behavior on the EPM respectively. p-Values indicating a significant difference ($p < 0.05$) are highlighted in bold and italic type, the ones indicating a trend ($p < 0.1$) in italic type.

Animal	Probe No. EPM_%time																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
HAB	NA	=	>	=	<<*	<<*	=	=	=	=	=	=	>>*	<<*	<<*	<<*	>>	<<*	>>*	=	<<*	<<*	>>*	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A02	9.44	=	>	=	<<*	<<*	=	=	=	=	=	=	>>	>>	<<	<	=	>>	>	=	=	<<	=	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A05	12.88	>>*	>>*	>	<<*	<<*	=	=	=	>	=	>	>	<<*	<<	=	>>	<<*	=	=	<<*	=	=	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A09	13.68	=	=	=	<<*	<<*	=	=	=	=	=	=	=	=	=	<<*	<<*	=	>	=	=	<<*	=	=	=	=	=	=	<<*	=	=	=	=	=	=
A13	13.91	=	>	>>	<<*	<<*	>	=	=	=	=	>>	>	>	<<	<<	=	>	>	=	=	=	<<	=	<<*	=	=	=	<<*	=	>	>	=	=	=
A03	14.62	>	=	=	<<*	<<*	<<	=	=	=	=	>	>>*	<<*	=	=	=	<<*	>>*	=	<<*	=	>>*	=	=	=	=	=	<<*	=	>	=	=	=	=
A17	14.78	=	>	=	<<*	<<*	=	=	=	=	=	=	>>*	=	<	=	=	=	>>*	=	=	=	>>*	=	=	=	=	=	<<*	=	=	=	=	=	=
A21	14.83	=	>	=	<<*	<<*	=	=	=	=	=	=	=	>>*	<<*	<<*	<<*	=	>>*	=	=	>>*	<<*	=	<<*	=	=	=	<<*	=	=	=	=	=	=
A25	15.02	=	>	=	<<*	<<*	=	=	=	=	=	=	>	>	<<*	<<*	=	>>	>	=	=	<<	=	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A29	15.05	=	=	=	<<*	<<*	=	=	=	=	=	=	>>*	<<	=	=	=	<<	>>	=	<<*	=	>>	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A07	15.24	=	>	=	<	=	<<	=	=	=	=	>>	>>*	<<	=	>	=	<<	>>	=	<<*	>	=	<<*	<	=	=	=	<<*	=	>>	=	=	=	=
A33	15.28	=	>	>>	<<*	<<*	=	=	=	=	=	>>	>	=	<<	<<	>>	=	>>	=	=	=	>	=	=	=	=	=	<<*	=	=	=	=	=	=
A37	15.55	=	>	=	<<*	<<*	=	=	=	=	=	=	>>	<<*	<<	<<	=	<<*	>	=	<<*	<<	>	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A39	15.59	=	=	=	<<*	<<*	=	=	=	=	=	=	=	=	=	>	=	=	=	=	=	>	=	=	=	=	=	=	<<*	=	=	=	=	=	>
A41	15.72	=	>	=	<<*	<<*	=	=	=	=	=	=	>>*	<<	<<	<<	>>	<<	<<	>>*	=	<<*	<<	>>	=	=	=	=	<<*	=	=	=	=	=	=
A43	16.07	=	=	=	<<*	<<*	=	=	=	=	=	=	>>*	<<	=	=	=	<<	<<	=	=	<<*	<<	>>	<<*	=	=	=	<<*	=	=	=	=	=	=
A45	17.19	=	=	=	<<*	<<*	=	=	=	=	=	=	>>	<<*	<<	<<	=	<<*	>	=	<<*	<<	>	=	=	=	=	=	<<*	=	=	=	=	=	=
A47	17.24	=	=	>>*	<<*	<<*	=	=	=	=	=	>>	>>	<<*	<<	<<	=	<<*	=	=	<<*	<<	=	=	=	=	=	=	<<*	=	=	=	=	=	=
A49	17.59	=	=	=	<<*	<<*	=	=	=	=	=	<	>>	<<*	<<	<<	=	<<*	>	=	<<*	<<	>	<<*	=	=	=	=	<<*	=	>	=	=	=	=
A51	17.87	=	=	=	<<*	<<*	=	=	=	=	=	=	>>	<<*	<<	<<*	>>	>>	>	=	=	<<*	>	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A53	19.12	=	=	=	<<*	<<*	=	=	=	=	=	>	>	<<*	=	=	=	<<*	=	=	<<*	=	>	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A11	19.14	=	=	>>	=	>	=	=	=	=	=	=	>>	<<*	<<	=	=	<<*	=	=	<<*	<<	>	=	=	=	=	=	<<*	=	=	=	=	=	=
A15	19.33	=	>	=	<<*	<<*	=	=	=	>	=	=	>>*	=	=	=	=	=	=	>>*	=	=	=	>>*	=	=	=	=	<<*	=	=	=	=	=	=
A19	19.48	=	>	>	<<*	<<*	>>	=	=	=	=	=	>>*	=	<<	=	>>	=	>	=	<	<	>>*	=	>	=	=	=	<<*	=	=	=	=	=	=
A23	19.62	=	=	=	<<*	<<*	=	=	=	=	=	=	>>	<<*	<<	<<	=	<<*	>	=	<<*	<<	>	=	=	=	=	=	<<*	=	=	=	=	=	=
A27	20.01	=	>	>	<<*	<<*	=	=	=	=	=	=	>>	<<*	<<	<<	=	<<*	>>*	=	<<*	<<	>	=	=	=	=	=	<<*	=	>>	>	=	=	=
A31	20.29	=	=	=	<<*	<<*	=	>	=	=	=	=	>>*	<<*	=	=	=	<<*	>>*	=	<<*	=	>>*	=	=	=	=	=	<<*	=	=	=	=	=	=
A35	20.80	=	>	=	<<*	<<*	=	=	=	=	=	=	=	<<*	=	=	>>	<<*	=	=	<<*	=	=	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A36	50.37	=	=	=	<<*	<<*	=	=	=	=	=	=	>	<<*	=	<	=	=	=	=	=	=	=	=	<<*	=	=	=	=	<<*	=	=	=	=	=
A32	50.99	=	=	=	<<*	<<*	=	=	=	=	=	=	=	<<*	=	=	>>	<<*	=	=	<<*	=	=	=	=	=	=	=	=	=	=	=	=	=	=
A28	51.33	=	>	=	<<*	<<*	=	=	=	=	=	=	>>*	=	=	=	=	=	=	>>*	=	=	>>*	<<*	=	=	=	=	<<*	=	=	>	=	=	=
A24	51.37	=	=	=	<<*	<<*	=	=	=	=	=	=	>>*	<<	=	>	=	<<	>>*	=	=	>>	>>	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A20	51.84	=	>	=	<<*	<<*	=	=	=	=	=	>	>>*	<<	=	=	=	<<*	>	=	<<*	=	>	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A54	53.15	=	>	>>	<<*	<<*	=	=	=	=	=	>>	>>*	<<	=	=	=	<	>>	=	<<*	=	>	=	=	=	=	=	<<*	=	>>	>	=	=	=
A52	53.54	=	=	=	<<*	<<*	=	=	=	=	=	=	>>	<<	=	>	=	<<*	>>	=	<	>	>>	=	=	=	=	=	<<*	=	=	=	=	=	=
A50	54.05	=	=	=	<<*	<<*	=	=	=	=	=	<<	>>*	<<*	=	=	=	<<*	>>*	=	<<*	=	>>*	=	=	=	=	=	<<*	=	=	=	=	=	=
A48	54.44	=	=	=	<<*	<<*	=	=	=	=	=	=	>>*	<<	=	=	=	<<*	>>*	=	<	=	>>*	<<*	=	=	=	=	<<*	=	>	>	=	=	=
A16	55.74	=	=	=	=	=	=	=	=	=	=	=	>>	<<	=	>	=	<<	>	=	<	>	>	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A46	57.39	=	=	=	<<*	<<*	=	=	=	=	=	=	=	<<*	=	=	=	<<*	=	=	<<*	=	=	<<*	=	=	=	=	<<*	=	=	=	=	=	=
A42	57.45	=	=	=	<<*	<<*	=	=	=	=	=	=	>	=	<	<<	=	=	>	=	=	<<	=	<<*	=	=	=	=	<<*	=	=	>	=	=	=
A44	57.45	=	=	=	<<*	<<*	=	=	=	>>	=	=	>>*	<<	<<	=	>>	=	>	=	<<*	<	>	<<*	=	=	=	=	<<*	=	=				