

The scaffold protein Tks4 is required for the differentiation of mesenchymal stromal cells (MSCs) into adipogenic and osteogenic lineages

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Supplementary table S1.

Comparison of the phenotype of our Tks4^{-/-} mouse to other Tks4^{-/-} mice established in other strains and with different strategies

	Tks4 ^{-/-} mice (C57 Bl6 strain)	"nee" mice(B10.A-H2h4/(4R)SgDvEg strain) ¹⁶	Sh3pxd2b null mice (mixed background) ³
mutation in SH3PXD2b gene:	deleted 5th and 6th exons resulted in frameshift mutation	frameshift mutation in exon 13.	insertion between 3rd and 4th exons
smaller body size	observed	observed	observed
retardation in movements:	observed	not tested	not tested
prominent forehead:	observed	observed	observed
prominent deformed eyes:	observed	observed	observed
congenital glaucoma:	not tested	cloudy cornea	observed
shorter nasal bone:	observed	observed	observed
cardiac deficiencies :	not tested	not tested	observed
bowing, shortened long bones:	observed	shortened bones	not bowing
kyphosis	observed	observed	observed
reduced bone mineral density:	not tested	observed	not tested
less adipose tissue:	observed	observed	observed
fertility:	infertile	infertile	not tested
hearing deficiency:	not tested	observed	observed