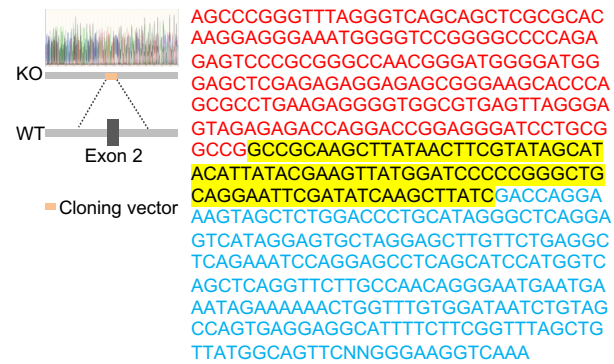


A

	Number of exon-exon junction reads						Total reads	Uniquely mapped reads
	2:3	2:4	2:5	3:4	3:5	4:5		
Cerebral Cortex replicate 1	34	4	5	38	0	34	311,361,602	273,912,120
Cerebral Cortex replicate 2	49	2	9	69	0	49	332,376,202	286,174,468
Spleen replicate 1	4	3	113	3	1	10	148,209,846	129,420,758
Spleen replicate 2	11	2	142	14	2	15	156,978,746	131,965,646
Ovary replicate 1	0	1	48	3	0	5	100,356,244	90,380,428
Ovary replicate 2	0	2	39	1	0	4	110,997,870	102,812,322
Adrenal gland replicate 1	0	0	35	0	0	5	151,361,556	136,115,960
Adrenal gland replicate 2	0	0	12	0	0	1	145,222,694	126,195,250

B



Supplementary Figure S1. *Hs6st2* KO mice. (A) Numbers of junction reads. **(B)** Sanger sequencing results of the *Hs6st2* KO mice. Red sequences, DNA sequences of the upstream intron of exon 2. Blue sequences, DNA sequences of the downstream intron of exon 2. Yellow highlighted sequences, the cloning vector sequences.