

S3 Table: Summary of DNA methylation analyses in *PPP1R26P1* heterozygous mice.

CGI	animals	sex	transmission	tissues
146	2	male	1 mat, 1 pat	br, eye, li, blood, sperm
42	4	2 male 2 female	1 mat, 1 pat 1 mat, 1 pat	sp, ki, li, lu, he, sk, mu, br, eye, blood, sperm/ovary
mRb1_CpG85	20	10 female 10 male	5 mat, 5 pat 5 mat, 5 pat	sp, ki, li, lu, he, sk, mu, br, eye, blood, sperm/ovary in four animals br, ki, sperm/ovary in 16 animals
E2BAlu	2	male	1 mat, 1 pat	br, eye, li, blood, sperm
mRb1_Alusg	2	male	1 mat, 1 pat	br, eye, li, blood, sperm

CGI: CpG island analyzed, m, f: male or female; mat, pat: maternal or paternal inheritance of *PPP1R26P1*. Br: brain, li: liver, sp: spleen, ki: kidney, lu: lung, he: heart, sk: skin, mu: skeletal muscle.