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Corrigendum

CORRIGENDUM

Corrigendum to: ADAMTS9 and ADAMTS20 are differentially affected by loss of B3GLCT in mouse model of Peters plus syndrome

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The authors wish to apologize for errors in *B3glct Tm1Nari* allele nomenclature in the above article. To be consistent with MGI (J:286130) nomenclature, this corrigendum has corrected nomenclature for *B3glct*^{tm1Nari} alleles (MGI:727077, MGI:6277078, and MGI:6277079).

Materials and Methods

Mice and Genotyping

The null allele (*B3glct*$^{tm1.2Nari}$ (MGI:6277079)) is referred to as *B3glct-Δ11–12* (Fig. S2).

Supplementary Information Text

Supplementary Methods

Generation of B3glct mutations in mice. The *B3glct*^{tm1Nari} allele (MGI:6277077) targeted exons 11 and 12 containing amino acid residues (DDD) essential for catalytic activity of B3GLCT and was generated in C57BL/6 J embryonic stem (ES) cells (1).

B3glct^{tm1Nari} targeted ES cells (C57BL/6 J ES cells) were injected into ICR blastocysts to generate chimeras.

Refer to Fig. S2 for generation and confirmation of conditional (*B3glct*$^{tm1.1Nari}$ (*B3glct-floxed11–12*), MGI: 6277078) and null (*B3glct*$^{tm1.2Nari}$ (*B3glct-Δ11–12*), MGI: 6277079) alleles, and Table S2 for genotyping protocols.

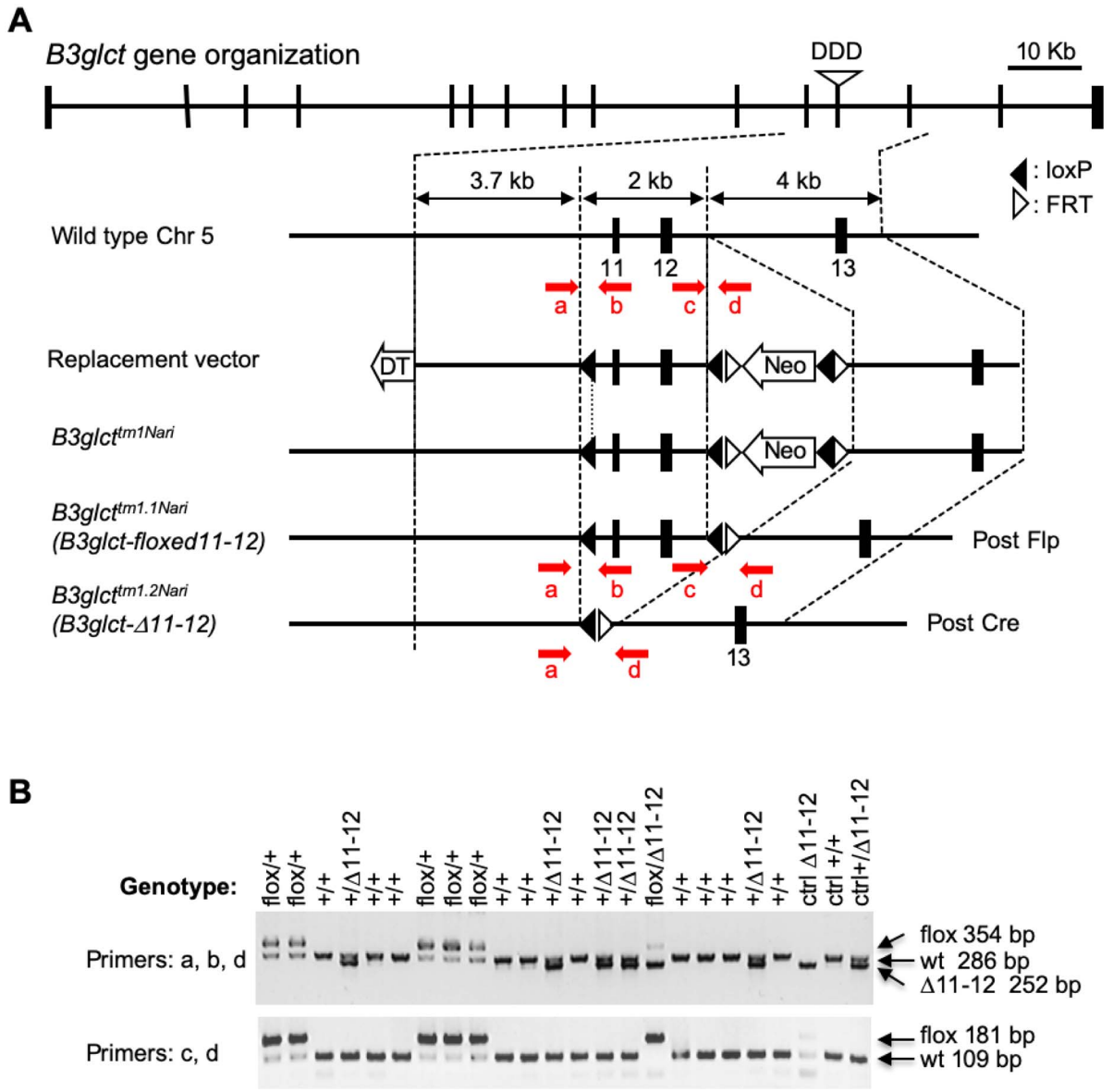

Fig. S2. Targeting strategy for *B3glct*^{tm1Nari} alleles **(A)** To generate the *B3glct*$^{tm1.1Nari}$ (MGI: 6266078) conditional allele (*B3glct-floxed11–12*), *B3glct*^{tm1Nari} (MGI: 6277077) chimeras were crossed to ACTB-FLPe mice (B6;SJL-Tg(ACTFLPe)9205Dym/J; Jax Stock No: 03800) expressing flp recombinase to remove the PGK-neo cassette. To generate the null *B3glct*$^{tm1.2Nari}$ (MGI: 6277079) allele (*B3glct-Δ11–12*), *B3glct-floxed11–12* males were crossed to *Ayu1-Cre* females (B6;D2-Tg(Ayu1-Cre)8Imeg;

Table S2. Genotyping primers and conditions for *B3glct*^{Tm1Nari} alleles
Primer names are followed by a letter in parenthesis that corresponds to positions of primers indicated in Fig. S2. All PCR reactions were carried out using 0.033 U/μL Denville Scientific's Choice Taq DNA Polymerase in a final concentration of 1X PCR Buffer (1.5 mM $MgCl_2$), and 0.2 mM dNTPs.

B3glct Allele	Primer Name [Concentration]	Primer Sequence 5′ → 3′	Product size	PCR Conditions
Wild-type and *-floxed11–12* (*tm1.1Nari*) MGI: 6277078	MK 14–36 (c) [0.2 μM]	AATGATCAGAGGGAATGACAGT	109 bp	95°C—2 min
	MK 14–41 (d) [0.2 μM]	CAATTCCGGACAATGTCACTCGC	181 bp	95°C—30 s
Wild-type and *-floxed11–12* (*tm1.1Nari*)	MK 14–28 (a) [0.2 μM]	CAGTGTCCTTGATCACTGATCCA	286 bp	64°C—30 s
	MK 14–29 (b) [0.4 μM]	GCCGCAAGCCTCCGTGCTTGCA	354 bp	72°C—30 s (x30 cycles)
-Δ11–12 (*tm1.2Nari*) MGI: 6277079	MK 14–28 (a) [0.2 μM]	CAGTGTCCTTGATCACTGATCCA	252 bp	72°C—10 min
	MK 14–41 (d) [0.1 μM]	CAATTCCGGACAATGTCACTCGC		15°C—hold