Table S1. Oligonucleotide sequences for gRNAs and validation of CRISPR/Cas9 knockout of *Pldn*

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| Oligonucleotide | Sequence | Purpose |
| *Bloc1s6* gRNA 1 | 5-AGGACCCCGTCTGGAGGCGG-3 | 5 gRNA to exon 1 of *Bloc1s6* |
| *Bloc1s6* gRNA 2 | 5-CGCCGGGTACGGCTGTTTTG-3 | 3 gRNA to intron 1 of *Bloc1s6* |
| pLentiCRISPRv2 forward sequencing primer | 5-GAGGGCCTATTTCCCATGATT-3 | Forward sequencing primer to confirm insertion of *Blos1s6*-directed gRNAs in CRISPR vector |
| pLentiCRISPRv2 reverse sequencing primer | 5-GACTATCATATGCTTACCGT-3 | Reverse sequencing primer to confirm insertion of *Blos1s6*-directed gRNAs in CRISPR vector |
| *Bloc1s6* forward genomic PCR primer | 5-CTGTGACTTCTCCACAGCACTC-3 | Forward genomic PCR primer to confirm targeting of *Bloc1s6* |
| *Bloc1s6* reverse genomic PCR primer | 5-AAACCTTTAACACAAACCGCAC-3 | Reverse genomic PCR primer to confirm targeting of *Bloc1s6* |
| *Bloc1s6* forward RT-PCR primer | 5-CCTGTGGACGATAGAGCTGTA-3 | Forward RT-PCR primer to detect *Bloc1s6* mRNA |
| *Bloc1s6* reverse RT-PCR primer | 5-CCAACATGGAGTGGCATTCTTTA-3 | Reverse RT-PCR primer to detect *Bloc1s6* mRNA |
| *Tubb4b* forward RT-PCR primer | 5-CACTTACCACGGAGATAGCGA-3 | Forward RT-PCR primer to detect *Tubb4b* (-tubulin 4b) mRNA |
| *Tubb4b* reverse RT-PCR primer | 5-ACCTTCTGTGTAGTGCCCCTT-3 | Reverse RT-PCR primer to detect *Tubb4b* (-tubulin 4b) mRNA |