Supplementary Table S1. Primers for qRT-PCR Analysis of Related Genes in *S. schlegelii*

Gene	Forward primer5′–3′	Reverse primer 5′–3′	amplification efficiency
btf3l4	GAAGTTGGCCGTCAACAATA	GACAGAGAGGCTTGAACTTTG	103%
bmp8a	GCATGAACGCCACTAACCA	ATGCCTTTGGAACCTCGTCA	106%
bmp2	GGGGTGGAACGAGTGGATAG	CAGGCTCTGGGGATGTTTGA	98%
fgf23	ACCCGCACAACGTCTACTAC	GACACGTTGCGTCCATCATC	99%
pdgfra	CTACGGCATACTGCTCTGGG	ATGTAGGCGTCGTCGTTCTC	89%
egfr	CAGACGACACAGAGACGGAG	GGGTCTTGAAGGTGGGAGTG	71%
srd5	ATGCACCAATCAGCCTAACA	GGTGGGTCTGAGTTTTGTT	97%

Supplementary Table S2. PCR primers for genetic sex identification in *S. schlegelii*

Gene	Forward primer5′–3′	Reverse primer 5′–3′
sex marker	GTAAACCAAGAACTGAGGAGG	GAGAAAGCAGAAGTGGAATCA