**Supplementary Table 1.** *In silico* analyses of mutations and single nucleotide polymorphisms in *ALPL* genes. MAF, minor allele frequency based on SNP database or Human Genetic Variation Database; N.A., not available.

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| --- | --- | --- | --- | --- |
| 　 | 　 | SIFT | Polyphen-2 | CADD |
| c.244G>A (p.Gly82Arg) | Novel mutation | Deleterious | Probably Damaging | 29.6 |
| c.330T>C (p.Ser110Ser) | rs1780316 (MAF 7%) | N.A. | N.A. | 7.051 |
| c.613G>A (p.Ala205Thr) | rs751455369 (MAF 0.04%) | Deleterious | Possibly Damaging | 27.2 |
| c.787T>C (p.Tyr263His) | rs3200254 (MAF 27%) | Tolerated | Benign | 14.41 |
| c.863-7T>C (Intron Variant) | rs74063111 (MAF 26%) | N.A. | N.A. | 10.95 |
| c.876A>G (p.Pro292Pro) | rs3200255 (MAF 27%) | N.A. | N.A. | 5.247 |