**S1 Table. Coagulaiton and genetic test results of 33 Korean patients with hereditary thrombophilia**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Coagulation results** | **Gene** | **Mutation****(nucleotide)** | **Mutation** **(protein)** | **Type of mutation** |
| SMC-AT-01 | AT act 58% AT Ag 98% | SERPINC1 | c.1057C>T | p.Pro353Ser | Missense |
| SMC-AT-02 | AT act 69% | SERPINC1 | c.1057C>G | p.Pro353Ala | Missense |
| SMC-AT-03 | AT act 46% | SERPINC1 | c.235C>T | p.Arg79Cys | Missense |
| SMC-AT-04 | AT act 58% | SERPINC1 | c.284A>G | p.Tyr95Cys | Missense |
| SMC-AT-05 | AT act 28% | SERPINC1 | c.243G>A | p.Trp81X | Nonsense |
| SMC-AT-06 | AT act 43% | SERPINC1 | c.992delT | p.Leu331Profs\*16 | Frameshift |
| SMC-AT-07 | AT act 56% | SERPINC1 | c.490C>T | p.Arg164\* | Nonsense |
| SMC-AT-08 | AT act 43% | SERPINC1 | c.[442T>C(;)1370G>C] | p.[Ser148Pro(;)Arg457Thr] | Missense |
| SMC-AT-09 | AT act 61% AT Ag 50% | SERPINC1 | c.243G>A | p.Trp81\* | Nonsense |
| SMC-AT-10 | AT act 42% | SERPINC1 | c.550dupC | p.Leu184Profs\*5 | Frameshift |
| SMC-AT-11 | AT act 56% AT Ag 45% | SERPINC1 | c.593\_594dupAT | p.Gly199Metfs\*86 | Frameshift |
| SMC-AT-12 | AT act 45% AT Ag 47% | SERPINC1 | c.1224\_1227delTGAA | p.Asn408Lysfs\*13 | Frameshift |
| SMC-AT-13 | AT act 53% | SERPINC1 | NM\_000488.3:c.(?\_-1)\_(1218+1\_1219-1)del |  | Large deletion |
| SMC-AT-14 | AT act 49% AT Ag 60% | SERPINC1 | NM\_000488.3:c.(?\_-1)\_(\*1\_?)del |  | Large deletion |
| SMC-PC-01 | PC act 44% | PROC | c.631C>T | p.Arg211Trp | Missense |
| SMC-PC-02 | PC act 52% PC Ag 47% | PROC | c.631C>T | p.Arg211Trp | Missense |
| SMC-PC-03 | PC act 53% | PROC | c.1218G>A | p.Met406Ile | Missense |
| SMC-PC-04 | PC act 6% | PROC | c.[629C>T(;)631C>T] | p.[Pro210Leu(;)Arg211Trp] | Missense |
| SMC-PC-05 | PC act 69% | PROC | c.631C>T | p.Arg211Trp | Missense |
| SMC-PC-06 | PC act 60% PC Ag 43% | PROC | c.935C>T | p.Ser312Leu | Missense |
| SMC-PC-07 | PC act 41% | PROC | c.[565C>T(;)574\_576delAAG] | p.[Arg189Trp(;)Lys192del] | Missense in-frame, single AA deletion |
| SMC-PC-08 | PC act 24% | PROC | c.[565C>T(;)574\_576delAAG] | p.[Arg189Trp(;)Lys192del] | Missense in-frame, single AA deletion |
| SMC-PC-09 | PC act 24% | PROC | c.631C>T | p.Arg211Trp | Missense |
| SMC-PC-10 | PC act 53% PC Ag 51% | PROC | c.1218G>A | p.Met406Ile | Missense |
| SMC-PC-11 | PC act 32% | PROC | c.[577\_579delAAG(;)715\_724delGGGGCAGTGC] | p.[Lys193del(;)Gly239Serfs\*8] | Deletion, frameshift |
| SMC-PC-12 | PC act 58% PC Ag 55% | PROC | c.1212dupG | p.Pro405Alafs\*20 | Frameshift |
| SMC-PS-01 | PS Ag, f 16% | PROS1 | c.229dupG | p.Glu77Glyfs\*29 | Frameshift |
| SMC-PS-02 | PS Ag, f 12% | PROS1 | c.1644G>C | p.Gln548His | Missense |
| SMC-PS-03 | PS Ag 40% PS act 32% | PROS1 | c.1424G>T | p.Cys475Phe | Missense |
| SMC-PS-04 | PS Ag, t 44% PS Ag, f 49% PS act 52% | PROS1 | c.1063C>T | p.Arg355Cys | Missense |
| SMC-PLG-01 | PLG act 41% | PLG | c.1858G>A | p.Ala620Thr | Missense |
| SMC-PLG-02 | PLG act 64% | PLG | c.1858G>A | p.Ala620Thr | Missense |
| SMC-PLG-03 | PLG act 53% | PLG | c.1858G>A | p.Ala620Thr | Missense |