

Supplemental Table S1. *KIF6* and *HMG-CoA* polymorphisms description.

Unique rs Code	HGVS Nomenclature #	Protein Change	MAF/MAF *
<i>KIF 6</i>			
rs20455	NC_000006.12:g.39357302A>G	p.(Trp719Arg)	0.366/0.346
rs9471077	NC_000006.12:g.39340966A>G	Intronic region	0.615/0.636
rs9462535	NC_000006.12:g.39348016C>A	Intronic region	0.618/0.631
<i>HMG-CoA</i>			
rs3761740	NC_000005.10:g.75336308C>A	Near-gene 5'	0.095/0.079
rs3846662	NC_000005.10:g.75355259A>G	Intronic region	0.475/0.430

HGVS nomenclature searched through Mutalyzer 2.0.26, released on 19 July 2017 (<https://mutalyzer.nl/>).

* MAF: Minor allele frequency - MAF/MAF: MAF in the overall Brisighella population/MAF in population from Toscana, in Italy.