Supplementary Table 3: Annotated *OLFM2* variants identified via LightScanner mutation analysis within the UK cohort. Changes are detailed according to the NM_058164.3 transcript (NP_477512).

Variant	Position (GRCH38/hg38)	Location	Classification	DNA Change	Amino Acid Change	Minor Allele percentage (dbSNP147)
rs544945664	chr19:9936454	Exon 1	5' UTR	c.-91_-88delCCGG	N/A	0.879
rs201189277	chr19:9857731	Exon 3	Missense	c.344C>T	p.Ser115Leu	0.008
rs2303100	chr19:9857758	Exon 3	Missense	c.317G>A	p.Arg106Gln	45.336
rs143959085	chr19:9857386	Exon 4	Missense	c.457G>A	p.Val153Met	0.021
rs11556087	chr19:9857463	Exon 4	Missense	c.380C>T	p.Thr127Met	14.807
rs116666369	chr19:9856933	Intron 4	Intronic	c.581-20C>A	N/A	0.372
rs79341807	chr19:9856816	Exon 5	Synonymous	c.678G>A	p.Ala226=	0.511
rs11556088	chr19:9854270	Exon 6	Synonymous	c.1281C>T	p.Arg427=	10.959
rs200752028	chr19:9854588	Exon 6	Synonymous	c.963C>T	p.Ser321=	0.019
rs34961482	chr19:9854666	Exon 6	Synonymous	c.885G>A	p.Ser295=	0.479