

S4 Table. The significant variants in *TYMS* exons associated with CAP-HFS in grade 3 HFS Ex-cases (n=73) and all Ex-controls

SNP	Minor allele	MAF	Genotype		OR (95% CI)	p-value
			Grade 3 Ex-case (n=73)	Ex-control (n=144)		
rs34743033	2R	0.16	4/23/46	4/31/109	1.66 (0.95-2.89)	7.49×10 ⁻²
rs3786362	G	0.15	1/12/60	3/47/94	0.35 (0.17-0.74)	5.74×10⁻³
rs699517	C	0.31	11/43/19	10/48/86	2.81 (1.69-4.67)	6.60×10⁻⁵
rs2790	G	0.34	3/30/40	23/64/57	0.45 (0.27 -0.75)	2.03×10⁻³
rs11280056	6 bp insertion	0.31	11/43/19	10/48/86	2.81 (1.69-4.67)	6.60×10⁻⁵

Bold font indicates statistically significant values at $p < 0.05$. CAP-HFS, capecitabine-induced hand-foot syndrome; CI, confidence interval; Ex-case, HFS extreme case; Ex-control, HFS extreme con-trol; MAF, minor allele frequency; OR, odds ratio; SNP, single-nucleotide polymorphism.