S1 Table. No. of expected vs. observed variants of the PGM1 paralogs and their evolutionary constraint scores

	PGM1	PGM2	PGM2L1	PGM3	PGM5
Expected no. variants	208.2	175.6	191.6	155.6	171.7
Observed no. variants	206	207	128	150	139
Constraint scores	0.08	-1.16	2.25	0.22	1.22

Variant numbers and constraint scores obtained from the ExAc database (see text).

Genes with constraints scores > 0.9 are considered highly intolerant to substitution.