

	MYC		
	PYCR1	ALDH18A1	GLS
mRNA			
All cases	-0.058 (0.010)	-0.221 (2.3x10⁻²³)	0.038 (0.092)
PAM50			
Luminal A	-0.133 (0.0003)	-0.339 (9.8x10⁻²¹)	-0.017 (0.659)
Luminal B	0.124 (0.006)	-0.070 (0.123)	0.052 (0.248)
Basal	0.094 (0.088)	0.023 (0.677)	-0.072 (0.193)
HER2	0.030 (0.646)	-0.201 (0.002)	0.026 (0.284)
Normal	-0.335 (0.000001)	-0.395 (7.5x10⁻⁹)	-0.148 (0.037)
Protein			
All cases	-0.011 (0.772)	0.394 (1.8x10⁻³³)	0.148 (0.00002)
IHC molecular classes			
ER+/HER2- Low Proliferation	0.166 (0.048)	0.253 (0.001)	0.124 (0.111)
ER+/HER2- High Proliferation	0.156 (0.013)	0.221 (0.0001)	0.145 (0.015)
Triple Negative	0.149 (0.074)	0.378 (3.9x10⁻⁷)	0.292 (0.0003)
HER2+	-0.060 (0.551)	0.492 (2.8x10⁻⁸)	0.094 (0.329)

Table 4. Gln-Pro enzymes and MYC expression in breast cancer molecular subtypes