Performance Improvement	Gene Expression Category (Log_2 Fold Change)						
	-3	-2	-1	0	1	2	3
GC-MERGE versus MLP	0.046583	0.04663	0.03228	0.086054	0.1546	0.135913	0.213187
GC-MERGE versus Shuffled	0.020962	0.025374	0.014269	0.049417	0.087833	0.08284	0.122037

Table S6: **Performance improvement of GC-MERGE over shuffled and MLP baselines.** Similar to Supplementary Figure S4, the performance improvement (change in PCC) of GC-MERGE over the MLP and shuffled baselines are broken down by differential expression. It can be seen that the advantage of GC-MERGE over the other two baselines is greater for genes that have high differential expression.