

Supplementary Table 4. Correlations for patterns of gene expression among individuals within a group and between group means. Similar to the hierarchical cluster (Fig. 3), correlations use the differences in expression from the grand mean. Differences are used to determine if two individuals have relatively similar patterns of expression *vs.* measuring whether some genes have very high levels of expression while others are relatively low. The nominal, significant correlation coefficient (without multiple correction) is $r > 0.246$ with a p value < 0.01 . Among individuals within a group, 20 of the 34 correlation coefficients exceed 0.246 and none have significant negative correlations. Among groups correlations are either significantly negative or non-significant.

Correlation with Difference from Grand Mean																		
	GA302	GA305	ME303	ME305	Average G1		GA303	GA308	ME304	ME306	Average G2		GA301	GA307	GA309	GA310	ME302	Average G3
Group	1	1	1	1			2	2	2	2			3	3	3	3	3	
GA305	0.201	0.240	0.269	0.078		GA308	0.779	0.662	0.125	-0.093		GA307	0.332	0.580	0.048	0.390	0.617	
ME303	-0.164	-0.057	0.078			ME304	0.795	0.094	0.312			GA309	0.331	0.079	0.314			
ME305	-0.229	0.541				ME306	0.076	0.362				GA310	0.300	0.288	0.297			
ME307	0.561					ME310	0.276					ME302	0.249	0.545				
												ME308	0.649					
Average G2					0.110													
Average G3					-0.585						-0.870							