

# SUPPLEMENTAL TABLE 1.

**A**

	<i>MAL</i>	<i>GRAP</i>	<i>ID3</i>	<i>PLXDC2</i>	<i>KIF1B</i>	<i>CD163</i>	<i>CTSZ</i>	<i>PDK4</i>	<i>STK3</i>	r (p)
<i>GRAP</i>	0.93 (<0.001)									
<i>ID3</i>	0.85 (<0.001)	0.88 (<0.001)								
<i>PLXDC2</i>	-0.72 (<0.001)	-0.80 (<0.001)	-0.82 (<0.001)							
<i>KIF1B</i>	-0.65 (<0.001)	-0.71 (<0.001)	-0.69 (<0.001)	0.81 (<0.001)						
<i>CD163</i>	-0.76 (<0.001)	-0.76 (<0.001)	-0.79 (<0.001)	0.83 (<0.001)	0.70 (<0.001)					
<i>CTSZ</i>	-0.43 (<0.001)	-0.46 (<0.001)	-0.46 (<0.001)	0.57 (<0.001)	0.54 (<0.001)	0.58 (<0.001)				
<i>PDK4</i>	-0.59 (<0.001)	-0.63 (<0.001)	-0.52 (<0.001)	0.51 (<0.001)	0.54 (<0.001)	0.59 (<0.001)	0.38 (0.001)			
<i>STK3</i>	-0.67 (<0.001)	-0.72 (<0.001)	-0.64 (<0.001)	0.74 (<0.001)	0.78 (<0.001)	0.79 (<0.001)	0.59 (<0.001)	0.75 (<0.001)		
<i>ANTXR2</i>	-0.51 (<0.001)	-0.56 (<0.001)	-0.60 (<0.001)	0.77 (<0.001)	0.78 (<0.001)	0.63 (<0.001)	0.58 (<0.001)	0.41 (<0.001)	0.58 (<0.001)	

KMO: 0.88    BARTLETTS SPHERICITY: p<0.001

PC1:  
70% VARIANCE  
 $\lambda=6.99$

**B**

	LOADINGS	COEFFICIENT
<i>MAL</i>	-0.86	-0.12
<i>GRAP</i>	-0.91	-0.13
<i>ID3</i>	-0.88	-0.13
<i>PLXDC2</i>	0.92	0.13
<i>KIF1B</i>	0.87	0.12
<i>CD163</i>	0.90	0.13
<i>CTSZ</i>	0.66	0.09
<i>PDK4</i>	0.70	0.10
<i>STK3</i>	0.87	0.12
<i>ANTXR2</i>	0.76	0.11

COMPOSITE RNA EXPRESSION

**Use of principal components analysis for generation of a composite RNA expression variable summarizing the coordinate expression levels of the top ten genes.** (A) Correlation matrix depicting the correlations between the expression levels of the top 10 genes identified by GA/kNN in the discovery cohort. (B) Principal component (PC) loadings and coefficients used for generation of the composite RNA expression variable.