

## SUPPLEMENTARY TABLE

**Supplementary Table 1. GO is performed on these 27 genes, and found that they were mainly concentrated in the cellular process and the metabolic process.**

ID	Description	Count	GeneRatio	geneID
GO:0000003	reproduction	1	27-Jan	PTEN
GO:0008152	metabolic process	13	13/27	ZFP62/CNOT6/FLT4/MGAT1/ATP6V1E1/CECR2/CSGALNACT2/FN3K/FN3KRP/PTEN/SLC25A18/TG/ZNF750
GO:0001906	cell killing	0	0/27	
GO:0002376	immune system process	2	27-Feb	IL17RA/BTNL8
GO:0006791	sulfur utilization	0	0/27	
GO:0006794	phosphorus utilization	0	0/27	
GO:0040007	growth	2	27-Feb	SCGB3A1/PTEN
GO:0007610	behavior	1	27-Jan	PTEN
GO:0008283	cell proliferation	4	27-Apr	CNOT6/FLT4/SCGB3A1/PTEN
GO:0009758	carbohydrate utilization	0	0/27	
GO:0009987	cellular process	18	18/27	OR2Y1/ZFP62/CNOT6/FLT4/MGAT1/SCGB3A1/IL17RA/ATP6V1E1/BTNL8/CECR2/CSGALNACT2/FN3K/FN3KRP/PTEN/SLC25A18/TBCD/TG/ZNF750
GO:0015976	carbon utilization	0	0/27	
GO:0019740	nitrogen utilization	0	0/27	
GO:0022414	reproductive process	1	27-Jan	PTEN
GO:0022610	biological adhesion	2	27-Feb	PTEN/TBCD
GO:0023052	signaling	9	27-Sep	OR2Y1/CNOT6/FLT4/SCGB3A1/IL17RA/ATP6V1E1/BTNL8/PTEN/TG
GO:0032501	multicellular organismal process	8	27-Aug	OR2Y1/FLT4/MGAT1/IL17RA/CECR2/PTEN/TBCD/TG
GO:0032502	developmental process	9	27-Sep	FLT4/MGAT1/SCGB3A1/CECR2/FN3K/PTEN/TBCD/TG/ZNF750
GO:0040011	locomotion	3	27-Mar	FLT4/IL17RA/PTEN
GO:0043473	pigmentation	0	0/27	
GO:0044848	biological phase	0	0/27	
GO:0048511	rhythmic process	1	27-Jan	PTEN
GO:0048518	positive regulation of biological process	7	27-Jul	CNOT6/FLT4/SCGB3A1/IL17RA/BTNL8/PTEN/ZNF750
GO:0048519	negative regulation of biological process	5	27-May	CNOT6/FLT4/SCGB3A1/PTEN/TBCD
GO:0050789	regulation of biological process	12	27-Dec	OR2Y1/ZFP62/CNOT6/FLT4/SCGB3A1/IL17RA/ATP6V1E1/BTNL8/PTEN/TBCD/TG/ZNF750
GO:0050896	response to stimulus	10	27-Oct	OR2Y1/CNOT6/FLT4/SCGB3A1/IL17RA/ATP6V1E1/BTNL8/PTEN/SLC25A18/TG
GO:0051179	localization	7	27-Jul	FLT4/IL17RA/ATP6V1E1/CECR2/PTEN/SLC25A18/TG
GO:0051704	multi-organism process	2	27-Feb	IL17RA/PTEN
GO:0065007	biological regulation	12	27-Dec	OR2Y1/ZFP62/CNOT6/FLT4/SCGB3A1/IL17RA/ATP6V1E1/BTNL8/PTEN/TBCD/TG/ZNF750
GO:0071840	cellular component organization or biogenesis	5	27-May	CNOT6/SCGB3A1/CECR2/PTEN/TBCD
GO:0098743	cell aggregation	0	0/27	
GO:0098754	detoxification	0	0/27	