

## SUPPLEMENTARY TABLE

**Supplementary Table 1. Functional enrichment analyses.**

<b>ONTOLOGY</b>	<b>ID</b>	<b>Description</b>
BP	GO:0050907	detection of chemical stimulus involved in sensory perception
BP	GO:0001580	detection of chemical stimulus involved in sensory perception of bitter taste
BP	GO:0050913	sensory perception of bitter taste
CC	GO:0000786	nucleosome
CC	GO:0043505	CENP-A containing nucleosome
CC	GO:0061638	CENP-A containing chromatin
MF	GO:0033038	bitter taste receptor activity
MF	GO:0008527	taste receptor activity
MF	GO:0004984	olfactory receptor activity
KEGG	hsa04080	Neuroactive ligand-receptor interaction
KEGG	hsa04740	Olfactory transduction
KEGG	hsa05322	Systemic lupus erythematosus