


**INO\_ACID\_METABOLISM, REACTOME\_SULFUR\_AMINO\_ACID\_METABOLISM**



IVANOVA\_HEMATOPOIESIS\_INTERMEDIATE\_PROGENITOR, IVANOVA\_HEMATOPOIESIS\_INTERMEDIATE\_PR  
KEGG\_ARGININE\_AND\_PROLINE\_METABOLISM, KEGG\_ARGININE\_AND\_PROLINE\_METABOLISM  
WP\_CYSTEINE\_AND\_METHIONINE\_CATABOLISM, WP\_CYSTEINE\_AND\_METHIONINE\_CATABOLISM  
REACTOME\_DEGRADATION\_OF\_CYSTEINE\_AND\_HOMOCYSTEINE, REACTOME\_DEGRADATION\_OF\_CYSTEIN  
MULLIGHAN\_NPM1\_MUTATED\_SIGNATURE\_2\_UP, MULLIGHAN\_NPM1\_MUTATED\_SIGNATURE\_2\_UP  
WP\_TRANSULFURATION\_AND\_ONE\_CARBON\_METABOLISM, WP\_TRANSULFURATION\_AND\_ONE\_CARBO  
KEGG\_PROXIMAL\_TUBULE\_BICARBONATE\_RECLAMATION, KEGG\_PROXIMAL\_TUBULE\_BICARBONATE\_REC  
REACTOME\_GLUTAMATE\_AND\_GLUTAMINE\_METABOLISM, REACTOME\_GLUTAMATE\_AND\_GLUTAMINE\_M  
WP\_FOLATEALCOHOL\_AND\_CANCER\_PATHWAY\_HYPOTHESES, WP\_FOLATEALCOHOL\_AND\_CANCER\_PAT  
WP\_ETHANOL\_EFFECTS\_ON\_HISTONE\_MODIFICATIONS, WP\_ETHANOL\_EFFECTS\_ON\_HISTONE\_MODIFICA  
KEGG\_ALANINE\_ASPARTATE\_AND\_GLUTAMATE\_METABOLISM, KEGG\_ALANINE\_ASPARTATE\_AND\_GLUTA