## Gendoo: Functional profiling of gene and disease features using MeSH vocabulary

## Supplementary Figure S2 - Snapshot of Gendoo system

Gendoo provides keywords for diseases, drugs, biological phenomena and anatomy associated with OMIM entries of interest. It generates two views: high-scoring lists (a) and hierarchical tree view (b). The high-scoring list (a) shows relevant MeSH keywords sorted by score of OMIM-MeSH association. The background color of each association reflects the significance of the relationship (*p*-value). The hierarchical-tree view (b) illustrates keywords by using the MeSH ontology. Users can grasp the associated keywords at an appropriate level by collapsing or expanding "branch" terms (detailed information).

(4) Der (C) (X) (http://gendoo.dbcls.jp/pre/cgl-bin/gendoo.cgi?taxonomy=hum; (2) \* (C) \* (Q) (a) よく見るベージャ ブックマークする Myブックマーク Gendoo  $OMIM \rightarrow Related disease, drugs, ...$ Query OMIM entry list → Tree View MeSH term Link Information Gain 01 02 [NCBI] 0.144344 [NCBI] 0.005968654 [NCBI] 0.00425402 П [NCBI] 0.00244078 NCBI 0.00208072 [NCBI] 0.002035617 [NCBI] 0.001721918538 NCBI 0.0010829017 [NCBI] 0.000778517

Cendoo - MeSH tree view

Cendoo

MeSH Treeview

Query OMIM entry list

Iod700	APP	AMYLOID BETA A4 PRECURSOR PROTEIN	NCBI
Iod800	AD	ALZHEIMER DISEASE	NCBI
Ind800	AD	System	
Degenial System			
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