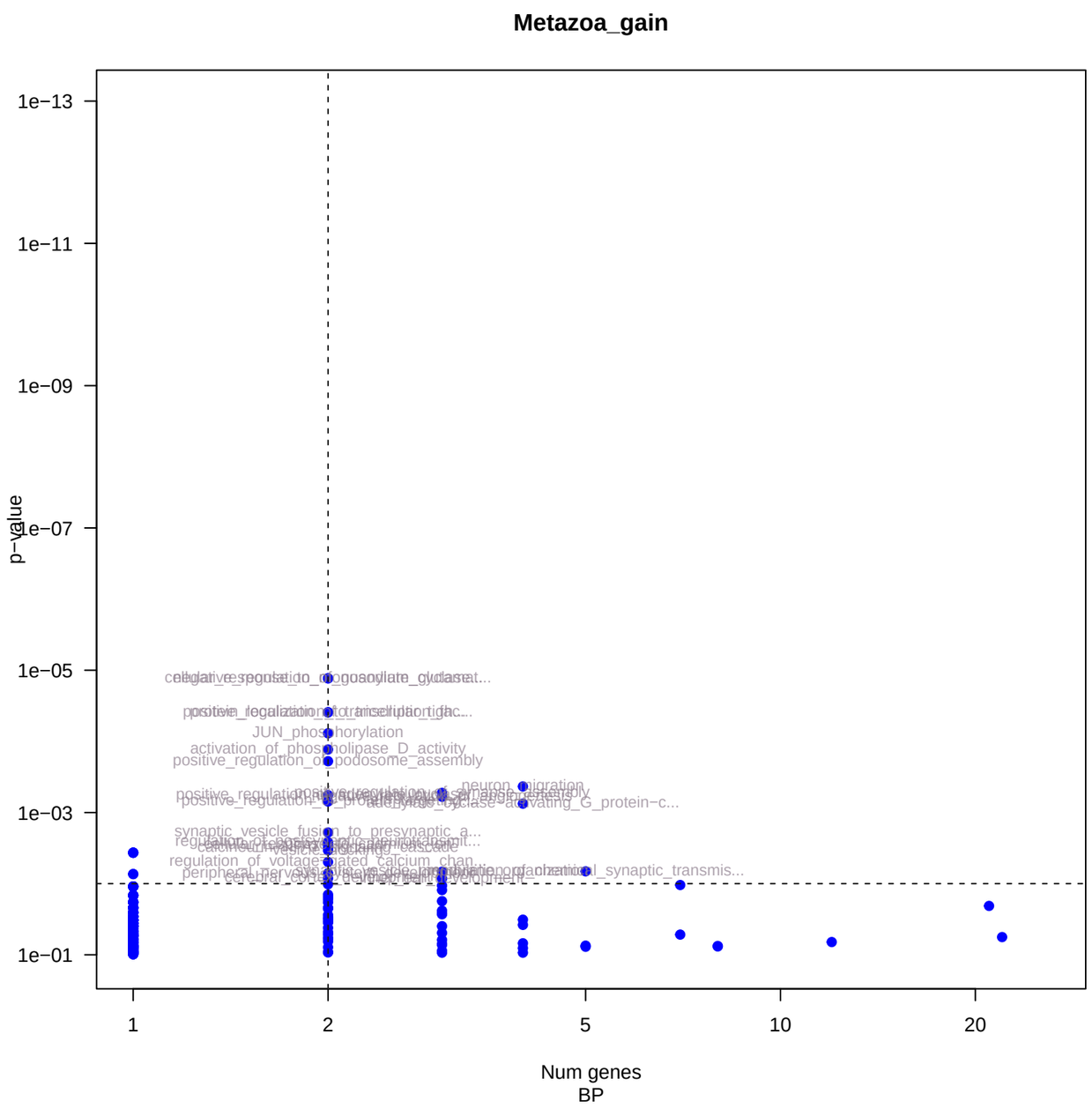
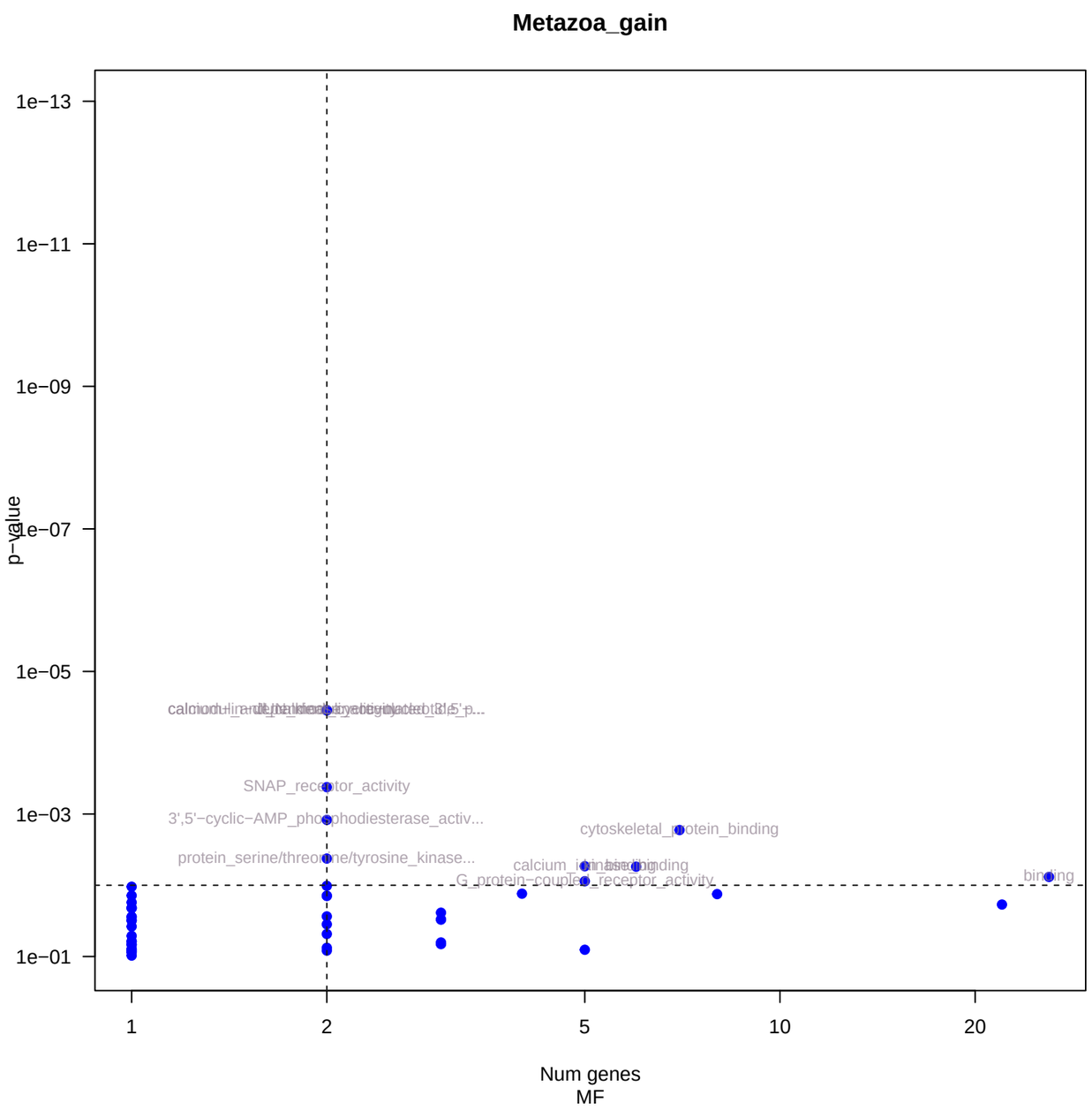
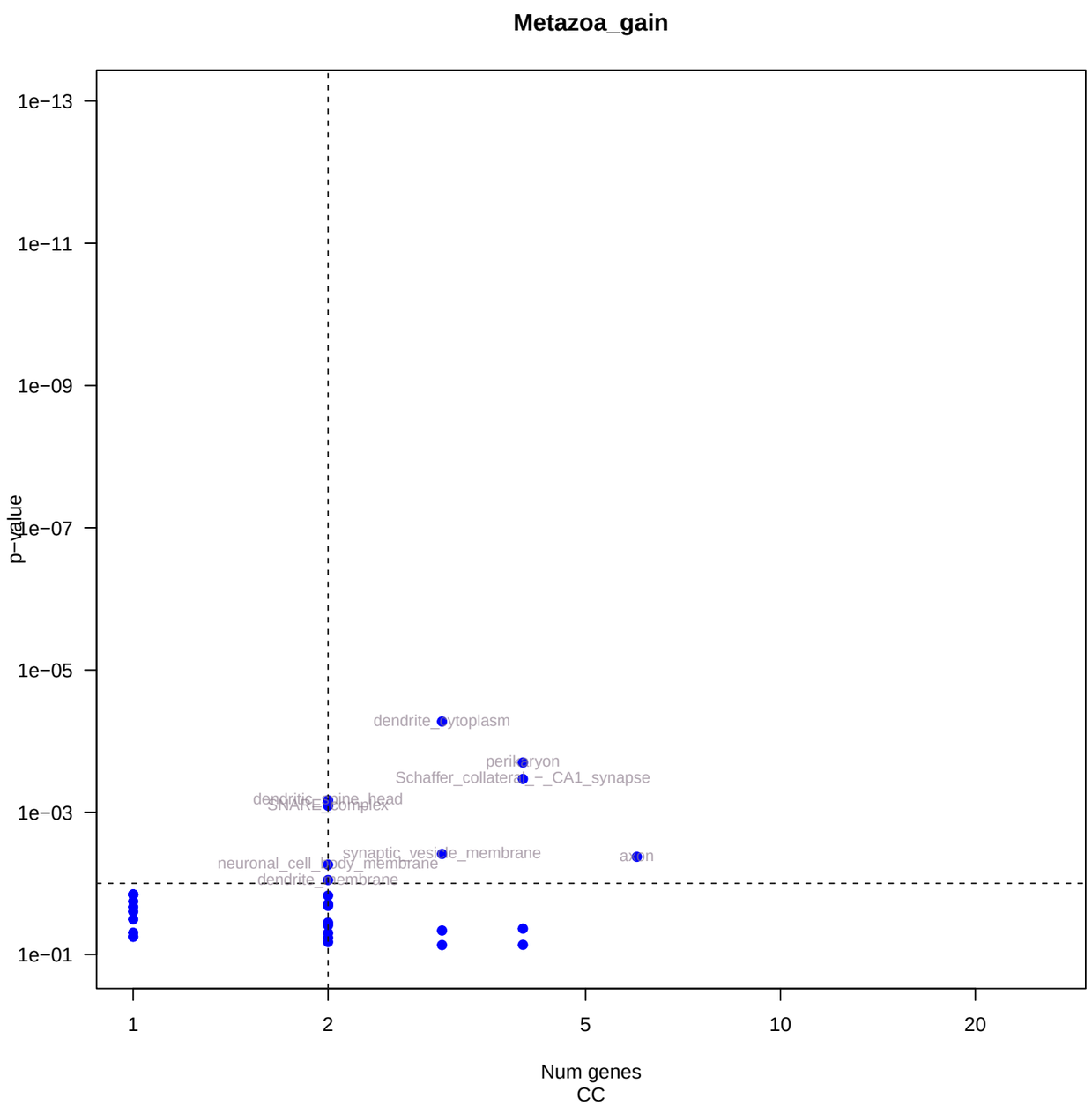
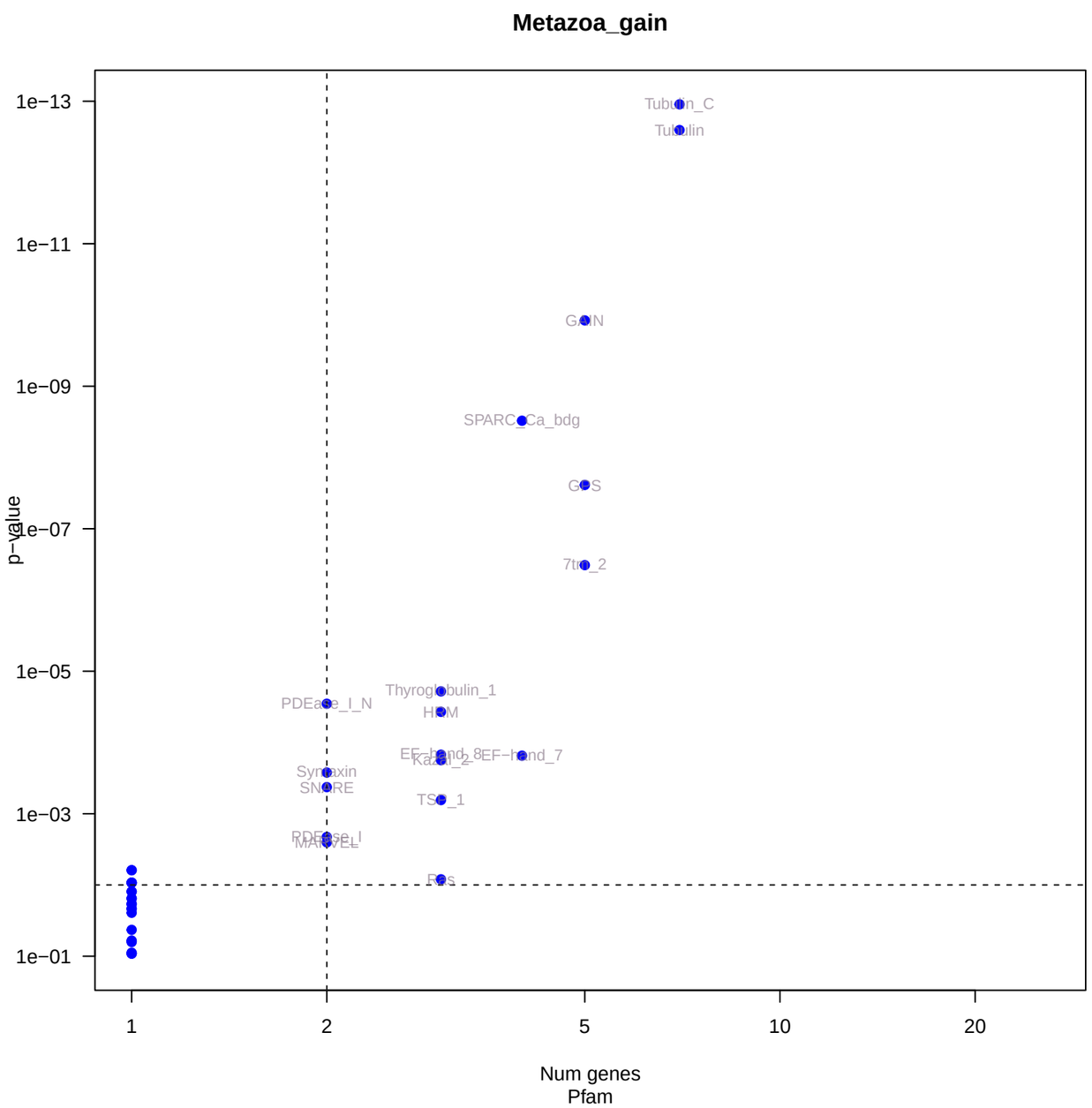

Metazoa_gain
p−value
1e−13
1e−11
1e−09
1e−07
1e−05
1e−03
1e−01
JUN_phosphorylation
activation_of_phospholipase_D_activity
positive_regulation_of_podosome_assembly
neuron_migration
synaptic_vesicle_fusion_to_presynaptic_a...
regulation_of_voltage_gated_calcium_chan...
1
2
5
10
20
Num genes
BP


Metazoa_gain
p−value
1e−13
1e−11
1e−09
1e−07
1e−05
1e−03
1e−01
SNAP_receptor_activity
3',5'−cyclic−AMP_phosphodiesterase_activ...
protein_serine/threonine/tyrosine_kinase...
cytoskeletal_protein_binding
calcium_ion_binding
G_protein_coupled_receptor_activity
binding
1
2
5
10
20
Num genes
MF


Metazoa_gain
p−value
1e−13
1e−11
1e−09
1e−07
1e−05
1e−03
1e−01
dendrite_cytoplasm
perikaryon
Schaffer_collateral_−_CA1_synapse
dendritic_spine_head
SNARE_complex
synaptic_vesicle_membrane
neuronal_cell_body_membrane
dendrite_membrane
axon
1
2
5
10
20
Num genes
CC


Metazoa_gain
p−value
1e−13
1e−11
1e−09
1e−07
1e−05
1e−03
1e−01
Tubulin_C
Tubulin
GAIN
SPARC_Ca_bdg
GPS
7tm_2
Thyroglobulin_1
PDEase_I_N
HEM
EF−hand_8
EF−hand_7
Kazal_2
Syntaxin
SNARE
TSP_1
PDEase_I
MARVEL
Ras
1
2
5
10
20
Num genes
Pfam