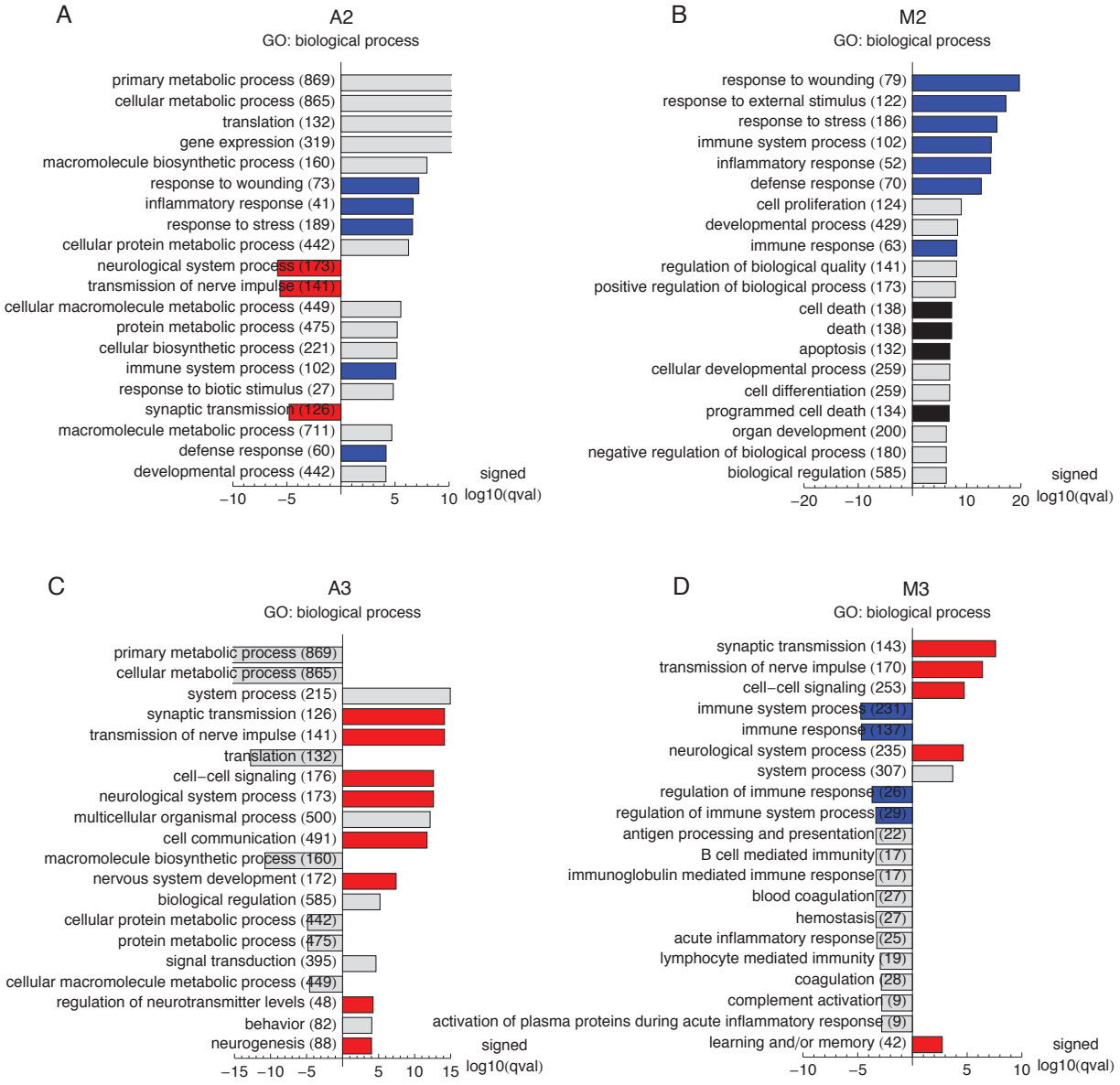
A
A2
GO: biological process
primary metabolic process (869)
cellular metabolic process (865)
translation (132)
gene expression (319)
macromolecule biosynthetic process (160)
response to wounding (73)
inflammatory response (41)
response to stress (189)
cellular protein metabolic process (442)
neurological system process (173)
transmission of nerve impulse (141)
cellular macromolecule metabolic process (449)
protein metabolic process (475)
cellular biosynthetic process (221)
immune system process (102)
response to biotic stimulus (27)
synaptic transmission (126)
macromolecule metabolic process (711)
defense response (60)
developmental process (442)
−10 −5 5 10
signed log10(qval)
B
M2
GO: biological process
response to wounding (79)
response to external stimulus (122)
response to stress (186)
immune system process (102)
inflammatory response (52)
defense response (70)
cell proliferation (124)
developmental process (429)
immune response (63)
regulation of biological quality (141)
positive regulation of biological process (173)
cell death (138)
death (138)
apoptosis (132)
cellular developmental process (259)
cell differentiation (259)
programmed cell death (134)
organ development (200)
negative regulation of biological process (180)
biological regulation (585)
−20 −10 10 20
signed log10(qval)
C
A3
GO: biological process
primary metabolic process (869)
cellular metabolic process (865)
system process (215)
synaptic transmission (126)
transmission of nerve impulse (141)
translation (132)
cell−cell signaling (176)
neurological system process (173)
multicellular organismal process (500)
cell communication (491)
macromolecule biosynthetic process (160)
nervous system development (172)
biological regulation (585)
cellular protein metabolic process (442)
protein metabolic process (475)
signal transduction (395)
cellular macromolecule metabolic process (449)
regulation of neurotransmitter levels (48)
behavior (82)
neurogenesis (88)
−15 −10 −5 5 10 15
signed log10(qval)
D
M3
GO: biological process
synaptic transmission (143)
transmission of nerve impulse (170)
cell−cell signaling (253)
immune system process (231)
immune response (137)
neurological system process (235)
system process (307)
regulation of immune response (26)
regulation of immune system process (29)
antigen processing and presentation (22)
B cell mediated immunity (17)
immunoglobulin mediated immune response (17)
blood coagulation (27)
hemostasis (27)
acute inflammatory response (25)
lymphocyte mediated immunity (19)
coagulation (28)
complement activation (9)
activation of plasma proteins during acute inflammatory response (9)
learning and/or memory (42)
−10 −5 5 10
signed log10(qval)