

**\_ION\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_ION\_CHANNEL\_ACTIVITY**

GOMF\_LIGAND\_GATED\_CATION\_CHANNEL\_ACTIVITY, GOMF\_LIGAND\_GATED\_CATION\_CHANNEL\_ACTIVITY  
GOMF\_NEUROTRANSMITTER\_RECEPTOR\_ACTIVITY, GOMF\_NEUROTRANSMITTER\_RECEPTOR\_ACTIVITY  
GOMF\_AMYLOID\_BETA\_BINDING, GOMF\_AMYLOID\_BETA\_BINDING  
GOMF\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY, GOMF\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY  
GOBP\_ACTIN\_MEDIATED\_CELL\_CONTRACTION, GOBP\_ACTIN\_MEDIATED\_CELL\_CONTRACTION  
GOMF\_VOLTAGE\_GATED\_CATION\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_CATION\_CHANNEL\_ACTIVITY  
GOBP\_REGULATION\_OF\_POSTSYNAPTIC\_MEMBRANE\_POTENTIAL, GOBP\_REGULATION\_OF\_POSTSYNAPTIC\_MEMBRANE\_POTENTIAL  
GOMF\_POTASSIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_POTASSIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOMF\_POTASSIUM\_CHANNEL\_ACTIVITY, GOMF\_POTASSIUM\_CHANNEL\_ACTIVITY  
GOMF\_SODIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_SODIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_POSITIVE\_REGULATION\_OF\_SYNAPTIC\_TRANSMISSION\_Glutamatergic, GOBP\_POSITIVE\_REGULATION\_OF\_SYNAPTIC\_TRANSMISSION\_Glutamatergic  
GOBP\_DETECTION\_OF\_ABIOTIC\_STIMULUS, GOBP\_DETECTION\_OF\_ABIOTIC\_STIMULUS  
GOBP\_CHEMICAL\_SYNAPTIC\_TRANSMISSION\_POSTSYNAPTIC, GOBP\_CHEMICAL\_SYNAPTIC\_TRANSMISSION\_POSTSYNAPTIC  
GOCC\_SODIUM\_CHANNEL\_COMPLEX, GOCC\_SODIUM\_CHANNEL\_COMPLEX  
GOMF\_VOLTAGE\_GATED\_CALCIIUM\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_CALCIIUM\_CHANNEL\_ACTIVITY  
GOBP\_POSITIVE\_REGULATION\_OF\_EXCITATORY\_POSTSYNAPTIC\_POTENTIAL, GOBP\_POSITIVE\_REGULATION\_OF\_EXCITATORY\_POSTSYNAPTIC\_POTENTIAL  
GOBP\_INORGANIC\_ANION\_TRANSPORT, GOBP\_INORGANIC\_ANION\_TRANSPORT  
GOBP\_ACTIN\_FILAMENT\_BASED\_MOVEMENT, GOBP\_ACTIN\_FILAMENT\_BASED\_MOVEMENT  
GOBP\_MEMBRANE\_DEPOLARIZATION, GOBP\_MEMBRANE\_DEPOLARIZATION  
GOCC\_T\_TUBULE, GOCC\_T\_TUBULE  
GOMF\_SODIUM\_CHANNEL\_ACTIVITY, GOMF\_SODIUM\_CHANNEL\_ACTIVITY  
GOBP\_POSITIVE\_REGULATION\_OF\_TRANSPORTER\_ACTIVITY, GOBP\_POSITIVE\_REGULATION\_OF\_TRANSPORTER\_ACTIVITY  
GOBP\_POSITIVE\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOBP\_POSITIVE\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_REGULATION\_OF\_SYNAPTIC\_TRANSMISSION\_Glutamatergic, GOBP\_REGULATION\_OF\_SYNAPTIC\_TRANSMISSION\_Glutamatergic  
GOBP\_CARDIAC\_MUSCLE\_CELL\_CONTRACTION, GOBP\_CARDIAC\_MUSCLE\_CELL\_CONTRACTION  
GOBP\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL, GOBP\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL  
GOBP\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE, GOBP\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE  
GOBP\_POSITIVE\_REGULATION\_OF\_CATION\_TRANSMEMBRANE\_TRANSPORT, GOBP\_POSITIVE\_REGULATION\_OF\_CATION\_TRANSMEMBRANE\_TRANSPORT  
GOMF\_ATPASE\_COUPLED\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_ATPASE\_COUPLED\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_MODULATION\_OF\_EXCITATORY\_POSTSYNAPTIC\_POTENTIAL, GOBP\_MODULATION\_OF\_EXCITATORY\_POSTSYNAPTIC\_POTENTIAL  
GOBP\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL\_INVOLVED\_IN\_CONTRACTION, GOBP\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL\_INVOLVED\_IN\_CONTRACTION  
GOBP\_REGULATION\_OF\_HEART\_RATE\_BY\_CARDIAC\_CONDUCTION, GOBP\_REGULATION\_OF\_HEART\_RATE\_BY\_CARDIAC\_CONDUCTION  
GOMF\_IOTROPIC\_Glutamate\_RECEPTOR\_ACTIVITY, GOMF\_IOTROPIC\_Glutamate\_RECEPTOR\_ACTIVITY  
GOMF\_VOLTAGE\_GATED\_POTASSIUM\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_POTASSIUM\_CHANNEL\_ACTIVITY  
GOCC\_VOLTAGE\_GATED\_SODIUM\_CHANNEL\_COMPLEX, GOCC\_VOLTAGE\_GATED\_SODIUM\_CHANNEL\_COMPLEX  
GOCC\_POTASSIUM\_CHANNEL\_COMPLEX, GOCC\_POTASSIUM\_CHANNEL\_COMPLEX