

ION\_CHANNEL\_ACTIVITY, GOMF\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY

GOMF\_NEUROTRANSMITTER\_RECEPTOR\_ACTIVITY, GOMF\_NEUROTRANSMITTER\_RECEPTOR\_ACTIVITY  
GOBP\_STRIATED\_MUSCLE\_CONTRACTION, GOBP\_STRIATED\_MUSCLE\_CONTRACTION  
GOMF\_VOLTAGE\_GATED\_CATION\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_CATION\_CHANNEL\_ACTIVITY  
GOBP\_CARDIAC\_MUSCLE\_CONTRACTION, GOBP\_CARDIAC\_MUSCLE\_CONTRACTION  
GOMF\_VOLTAGE\_GATED\_ION\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_ION\_CHANNEL\_ACTIVITY  
GOBP\_ACTIN\_MEDIATED\_CELL\_CONTRACTION, GOBP\_ACTIN\_MEDIATED\_CELL\_CONTRACTION  
GOMF\_ION\_CHANNEL\_BINDING, GOMF\_ION\_CHANNEL\_BINDING  
GOBP\_REGULATION\_OF\_NEUROTRANSMITTER\_TRANSPORT, GOBP\_REGULATION\_OF\_NEUROTRANSMITTER\_TRANSPORT  
GOBP\_REGULATION\_OF\_STRIATED\_MUSCLE\_CONTRACTION, GOBP\_REGULATION\_OF\_STRIATED\_MUSCLE\_CONTRACTION  
GOBP\_SENSORY\_PERCEPTION\_OF\_TASTE, GOBP\_SENSORY\_PERCEPTION\_OF\_TASTE  
GOMF\_VOLTAGE\_GATED\_CALCIIUM\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_CALCIIUM\_CHANNEL\_ACTIVITY  
GOBP\_SEROTONIN\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_SEROTONIN\_RECEPTOR\_SIGNALING\_PATHWAY  
GOMF\_EXTRACELLULAR\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY, GOMF\_EXTRACELLULAR\_LIGAND\_GATED\_ION\_CHANNEL\_ACTIVITY  
GOBP\_REGULATION\_OF\_RELEASE\_OF\_SEQUESTERED\_CALCIIUM\_ION\_INTO\_CYTOSOL, GOBP\_REGULATION\_OF\_RELEASE\_OF\_SEQUESTERED\_CALCIIUM\_ION\_INTO\_CYTOSOL  
GOMF\_LIGAND\_GATED\_CATION\_CHANNEL\_ACTIVITY, GOMF\_LIGAND\_GATED\_CATION\_CHANNEL\_ACTIVITY  
GOBP\_DETECTION\_OF ABIOTIC\_STIMULUS, GOBP\_DETECTION\_OF ABIOTIC\_STIMULUS  
GOBP\_CELLULAR\_RESPONSE\_TO\_PH, GOBP\_CELLULAR\_RESPONSE\_TO\_PH  
GOBP\_CALCIIUM\_ION\_TRANSPORT\_INTO\_CYTOSOL, GOBP\_CALCIIUM\_ION\_TRANSPORT\_INTO\_CYTOSOL  
GOMF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_CARDIAC\_CONDUCTION, GOBP\_CARDIAC\_CONDUCTION  
GOBP\_SENSORY\_PERCEPTION\_OF\_MECHANICAL\_STIMULUS, GOBP\_SENSORY\_PERCEPTION\_OF\_MECHANICAL\_STIMULUS  
GOBP\_CELL\_COMMUNICATION\_INVOLVED\_IN\_CARDIAC\_CONDUCTION, GOBP\_CELL\_COMMUNICATION\_INVOLVED\_IN\_CARDIAC\_CONDUCTION  
GOBP\_ACTION\_POTENTIAL, GOBP\_ACTION\_POTENTIAL  
GOBP\_POSITIVE\_REGULATION\_OF\_TRANSPORTER\_ACTIVITY, GOBP\_POSITIVE\_REGULATION\_OF\_TRANSPORTER\_ACTIVITY  
GOBP\_MEMBRANE\_DEPOLARIZATION, GOBP\_MEMBRANE\_DEPOLARIZATION  
GOBP\_SARCOPLASMIC\_RETICULUM\_CALCIIUM\_ION\_TRANSPORT, GOBP\_SARCOPLASMIC\_RETICULUM\_CALCIIUM\_ION\_TRANSPORT  
GOMF\_TRANSMITTER\_GATED\_CHANNEL\_ACTIVITY, GOMF\_TRANSMITTER\_GATED\_CHANNEL\_ACTIVITY  
GOBP\_SEQUESTERING\_OF\_CALCIIUM\_ION, GOBP\_SEQUESTERING\_OF\_CALCIIUM\_ION  
GOMF\_ION\_CHANNEL\_REGULATOR\_ACTIVITY, GOMF\_ION\_CHANNEL\_REGULATOR\_ACTIVITY  
GOBP\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSPORT\_INTO\_CYTOSOL, GOBP\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSPORT\_INTO\_CYTOSOL  
GOBP\_POSITIVE\_REGULATION\_OF\_CATION\_TRANSMEMBRANE\_TRANSPORT, GOBP\_POSITIVE\_REGULATION\_OF\_CATION\_TRANSMEMBRANE\_TRANSPORT  
GOBP\_CARDIAC\_MUSCLE\_CELL\_CONTRACTION, GOBP\_CARDIAC\_MUSCLE\_CELL\_CONTRACTION  
GOMF\_POTASSIUM\_CHANNEL\_ACTIVITY, GOMF\_POTASSIUM\_CHANNEL\_ACTIVITY  
GOBP\_DETECTION\_OF\_MECHANICAL\_STIMULUS\_INVOLVED\_IN\_SENSORY\_PERCEPTION\_OF\_PAIN, GOBP\_DETECTION\_OF\_MECHANICAL\_STIMULUS\_INVOLVED\_IN\_SENSORY\_PERCEPTION\_OF\_PAIN  
GOMF\_SODIUM\_CHANNEL\_ACTIVITY, GOMF\_SODIUM\_CHANNEL\_ACTIVITY  
GOBP\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL, GOBP\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL  
GOBP\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOBP\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOMF\_SODIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_SODIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOMF\_WW\_DOMAIN\_BINDING, GOMF\_WW\_DOMAIN\_BINDING  
GOMF\_CHANNEL\_REGULATOR\_ACTIVITY, GOMF\_CHANNEL\_REGULATOR\_ACTIVITY  
GOBP\_POSITIVE\_REGULATION\_OF\_EXCITATORY\_POSTSYNAPTIC\_POTENTIAL, GOBP\_POSITIVE\_REGULATION\_OF\_EXCITATORY\_POSTSYNAPTIC\_POTENTIAL  
GOBP\_SODIUM\_ION\_TRANSMEMBRANE\_TRANSPORT, GOBP\_SODIUM\_ION\_TRANSMEMBRANE\_TRANSPORT  
GOMF\_POTASSIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_POTASSIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_PHOTOTRANSDUCTION, GOBP\_PHOTOTRANSDUCTION  
GOBP\_NEGATIVE\_REGULATION\_OF\_RYANODINE\_SENSITIVE\_CALCIIUM\_RELEASE\_CHANNEL\_ACTIVITY, GOBP\_NEGATIVE\_REGULATION\_OF\_RYANODINE\_SENSITIVE\_CALCIIUM\_RELEASE\_CHANNEL\_ACTIVITY  
GOMF\_VOLTAGE\_GATED\_POTASSIUM\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_POTASSIUM\_CHANNEL\_ACTIVITY  
GOCC\_T\_TUBULE, GOCC\_T\_TUBULE  
GOBP\_POSITIVE\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORT, GOBP\_POSITIVE\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORT  
GOMF\_POSTSYNAPTIC\_NEUROTRANSMITTER\_RECEPTOR\_ACTIVITY, GOMF\_POSTSYNAPTIC\_NEUROTRANSMITTER\_RECEPTOR\_ACTIVITY  
GOBP\_WATER\_TRANSPORT, GOBP\_WATER\_TRANSPORT  
GOBP\_SKELETAL\_MUSCLE\_CONTRACTION, GOBP\_SKELETAL\_MUSCLE\_CONTRACTION  
GOBP\_DETECTION\_OF\_MECHANICAL\_STIMULUS\_INVOLVED\_IN\_SENSORY\_PERCEPTION, GOBP\_DETECTION\_OF\_MECHANICAL\_STIMULUS\_INVOLVED\_IN\_SENSORY\_PERCEPTION  
GOBP\_LOCOMOTORY\_BEHAVIOR, GOBP\_LOCOMOTORY\_BEHAVIOR  
GOBP\_PROTEIN\_HOMOTETRAMERIZATION, GOBP\_PROTEIN\_HOMOTETRAMERIZATION  
GOBP\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE, GOBP\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE  
GOCC\_SARCOPLASM, GOCC\_SARCOPLASM  
GOBP\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL\_INVOLVED\_IN\_CONTRACTION, GOBP\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL\_INVOLVED\_IN\_CONTRACTION  
GOMF\_NARROW\_PORE\_CHANNEL\_ACTIVITY, GOMF\_NARROW\_PORE\_CHANNEL\_ACTIVITY  
GOBP\_POTASSIUM\_ION\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE, GOBP\_POTASSIUM\_ION\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE  
GOMF\_VOLTAGE\_GATED\_POTASSIUM\_CHANNEL\_ACTIVITY\_INVOLVED\_IN\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL, GOMF\_VOLTAGE\_GATED\_POTASSIUM\_CHANNEL\_ACTIVITY\_INVOLVED\_IN\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL  
GOMF\_CYCLIC\_NUCLEOTIDE\_GATED\_ION\_CHANNEL\_ACTIVITY, GOMF\_CYCLIC\_NUCLEOTIDE\_GATED\_ION\_CHANNEL\_ACTIVITY  
GOBP\_CELL\_COMMUNICATION\_BY\_ELECTRICAL\_COUPLING\_INVOLVED\_IN\_CARDIAC\_CONDUCTION, GOBP\_CELL\_COMMUNICATION\_BY\_ELECTRICAL\_COUPLING\_INVOLVED\_IN\_CARDIAC\_CONDUCTION  
GOCC\_NEURON\_PROJECTION\_MEMBRANE, GOCC\_NEURON\_PROJECTION\_MEMBRANE  
GOBP\_REGULATION\_OF\_HEART\_RATE\_BY\_CARDIAC\_CONDUCTION, GOBP\_REGULATION\_OF\_HEART\_RATE\_BY\_CARDIAC\_CONDUCTION  
GOBP\_VENTRICULAR\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL, GOBP\_VENTRICULAR\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL  
GOBP\_CALCIIUM\_ION\_IMPORT\_INTO\_CYTOSOL, GOBP\_CALCIIUM\_ION\_IMPORT\_INTO\_CYTOSOL  
GOBP\_NEUROMUSCULAR\_PROCESS, GOBP\_NEUROMUSCULAR\_PROCESS  
GOCC\_GOLGI\_ASSOCIATED\_VESICLE\_MEMBRANE, GOCC\_GOLGI\_ASSOCIATED\_VESICLE\_MEMBRANE  
GOBP\_MEMBRANE\_REPOLARIZATION\_DURING\_VENTRICULAR\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL, GOBP\_MEMBRANE\_REPOLARIZATION\_DURING\_VENTRICULAR\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL  
GOBP\_MEMBRANE\_DEPOLARIZATION\_DURING\_ACTION\_POTENTIAL, GOBP\_MEMBRANE\_DEPOLARIZATION\_DURING\_ACTION\_POTENTIAL  
GOBP\_STABILIZATION\_OF\_MEMBRANE\_POTENTIAL, GOBP\_STABILIZATION\_OF\_MEMBRANE\_POTENTIAL  
GOBP\_GLUTAMATE\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_GLUTAMATE\_RECEPTOR\_SIGNALING\_PATHWAY  
GOMF\_PRIMARY\_ACTIVE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_PRIMARY\_ACTIVE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOMF\_VOLTAGE\_GATED\_SODIUM\_CHANNEL\_ACTIVITY, GOMF\_VOLTAGE\_GATED\_SODIUM\_CHANNEL\_ACTIVITY  
GOCC\_GABA\_RECEPTOR\_COMPLEX, GOCC\_GABA\_RECEPTOR\_COMPLEX  
GOCC\_DENDRITE\_MEMBRANE, GOCC\_DENDRITE\_MEMBRANE  
GOBP\_CELL\_COMMUNICATION\_BY\_ELECTRICAL\_COUPLING, GOBP\_CELL\_COMMUNICATION\_BY\_ELECTRICAL\_COUPLING  
GOBP\_APICAL\_PROTEIN\_LOCALIZATION, GOBP\_APICAL\_PROTEIN\_LOCALIZATION  
GOBP\_REGULATION\_OF\_CHLORIDE\_TRANSPORT, GOBP\_REGULATION\_OF\_CHLORIDE\_TRANSPORT  
GOBP\_VENTRICULAR\_CARDIAC\_MUSCLE\_CELL\_MEMBRANE\_REPOLARIZATION, GOBP\_VENTRICULAR\_CARDIAC\_MUSCLE\_CELL\_MEMBRANE\_REPOLARIZATION  
GOBP\_REGULATION\_OF\_ACTIN\_FILAMENT\_BASED\_MOVEMENT, GOBP\_REGULATION\_OF\_ACTIN\_FILAMENT\_BASED\_MOVEMENT  
GOBP\_REGULATION\_OF\_CARDIAC\_MUSCLE\_CELL\_MEMBRANE\_REPOLARIZATION, GOBP\_REGULATION\_OF\_CARDIAC\_MUSCLE\_CELL\_MEMBRANE\_REPOLARIZATION  
GOMF\_GABA\_RECEPTOR\_ACTIVITY, GOMF\_GABA\_RECEPTOR\_ACTIVITY  
GOBP\_POSITIVE\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOBP\_POSITIVE\_REGULATION\_OF\_CALCIIUM\_ION\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
GOBP\_REGULATION\_OF\_VENTRICULAR\_CARDIAC\_MUSCLE\_CELL\_MEMBRANE\_REPOLARIZATION, GOBP\_REGULATION\_OF\_VENTRICULAR\_CARDIAC\_MUSCLE\_CELL\_MEMBRANE\_REPOLARIZATION  
GOBP\_MEMBRANE\_DEPOLARIZATION\_DURING\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL, GOBP\_MEMBRANE\_DEPOLARIZATION\_DURING\_CARDIAC\_MUSCLE\_CELL\_ACTION\_POTENTIAL  
GOBP\_RESPONSE\_TO\_AMPHETAMINE, GOBP\_RESPONSE\_TO\_AMPHETAMINE  
GOCC\_ACETYLCHOLINE\_GATED\_CHANNEL\_COMPLEX, GOCC\_ACETYLCHOLINE\_GATED\_CHANNEL\_COMPLEX  
GOMF\_ACETYLCHOLINE\_GATED\_CATION\_SELECTIVE\_CHANNEL\_ACTIVITY, GOMF\_ACETYLCHOLINE\_GATED\_CATION\_SELECTIVE\_CHANNEL\_ACTIVITY  
GOMF\_POTASSIUM\_ION\_LEAK\_CHANNEL\_ACTIVITY, GOMF\_POTASSIUM\_ION\_LEAK\_CHANNEL\_ACTIVITY  
GOMF\_CGMP\_BINDING, GOMF\_CGMP\_BINDING