a
May 5th, 2020
PubMed.gov
Proteome Xchange
Parameters
(O-GlcNAc[All Fields])
OR O-GlcNAcylated[All Fields]
OR O-GlcNAcylation[All Fields])
AND NOT review[Publication Type]
Parameters
(O-GlcNAc [Title]
OR O-GlcNAc[Keywords])
AND Homo Sapiens[Organism]
AND Publication available
1703 articles
948 articles excluded
Exclusion Criteria
948 articles total
Non-primary research (92)
Non-English language (8)
Retracted publications (2)
Non-human models (732)
Methods development (113)
Unrelated research (1)
755 articles "Homo Sapiens"
378 articles with O-GlcNAcylated proteins
Manual Curation
5072 proteins identified
3269 proteins without site information
1803 proteins with site information
7002 O-GlcNAc sites
UniProt
Quality Control
Database
GlyGen
figshare
www.oglcnac.mcw.edu
DataBase

b
Rat
12.5%
Mouse
20.5%
46.6%
Human
13.3%
7.1%
Other
Mixed
Other
Protist 1
Rabbit 1
Sheep 2
Mollusk 1
Starfish 1
Hamster 2
Prokaryote 27
Bird 5
Squirrel 1
Unknown 1
Slime Mold 1
Shrimp 1
13 Bovine
5 Fish
27 Drosophila
5 Fungi
6 Monkey
22 Nematode
10 Parasite
7 Pig
24 Plant
19 Virus
11 Xenopus
2 Dog
1 Bacteriophage