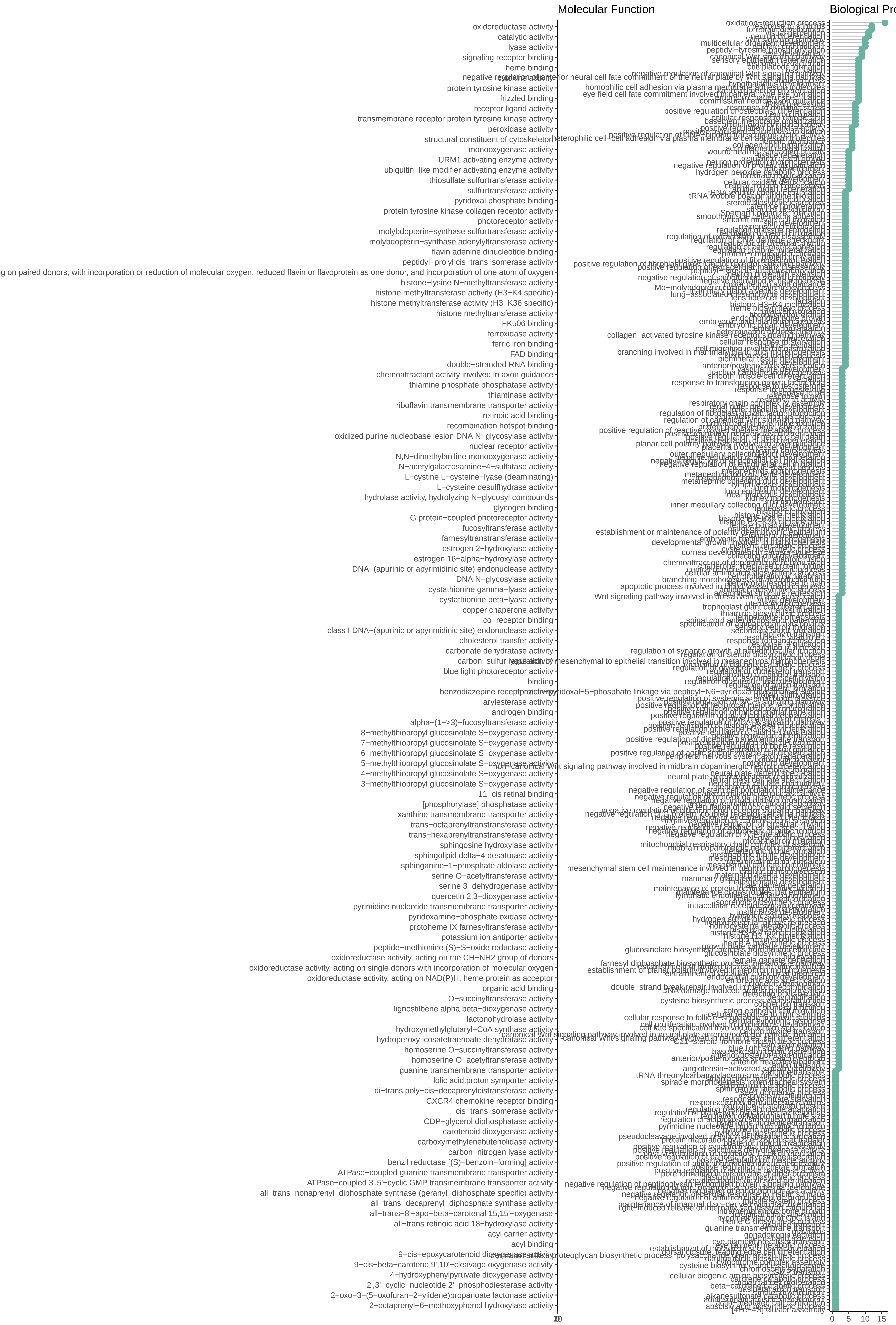
Molecular Function
oxidoreductase activity
catalytic activity
lyase activity
signaling receptor binding
heme binding
cytokine activity
protein tyrosine kinase activity
frizzled binding
receptor ligand activity
transmembrane receptor protein tyrosine kinase activity
peroxidase activity
structural constituent of cytoskeleton
monooxygenase activity
URM1 activating enzyme activity
ubiquitin−like modifier activating enzyme activity
thiosulfate sulfurtransferase activity
sulfurtransferase activity
pyridoxal phosphate binding
protein tyrosine kinase collagen receptor activity
photoreceptor activity
molybdopterin−synthase sulfurtransferase activity
molybdopterin−synthase adenylyltransferase activity
flavin adenine dinucleotide binding
peptidyl−prolyl cis−trans isomerase activity
g on paired donors, with incorporation or reduction of molecular oxygen, reduced flavin or flavoprotein as one donor, and incorporation of one atom of oxygen
histone−lysine N−methyltransferase activity
histone methyltransferase activity (H3−K4 specific)
histone methyltransferase activity (H3−K36 specific)
histone methyltransferase activity
FK506 binding
ferroxidase activity
ferric iron binding
FAD binding
double−stranded RNA binding
chemoattractant activity involved in axon guidance
thiamine phosphate phosphatase activity
thiaminase activity
riboflavin transmembrane transporter activity
retinoic acid binding
recombination hotspot binding
oxidized purine nucleobase lesion DNA N−glycosylase activity
nuclear receptor activity
N,N−dimethylaniline monooxygenase activity
N−acetylgalactosamine−4−sulfatase activity
L−cystine L−cysteine−lyase (deaminating)
L−cysteine desulfhydrase activity
hydrolase activity, hydrolyzing N−glycosyl compounds
glycogen binding
G protein−coupled photoreceptor activity
fucosyltransferase activity
farnesyltranstransferase activity
estrogen 2−hydroxylase activity
estrogen 16−alpha−hydroxylase activity
DNA−(apurinic or apyrimidinic site) endonuclease activity
DNA N−glycosylase activity
cystathionine gamma−lyase activity
cystathionine beta−lyase activity
copper chaperone activity
co−receptor binding
class I DNA−(apurinic or apyrimidinic site) endonuclease activity
cholesterol transfer activity
carbonate dehydratase activity
carbon−sulfur lyase activity
blue light photoreceptor activity
binding
benzodiazepine receptor activity
arylesterase activity
androgen binding
alpha−(1−>3)−fucosyltransferase activity
8−methylthiopropyl glucosinolate S−oxygenase activity
7−methylthiopropyl glucosinolate S−oxygenase activity
6−methylthiopropyl glucosinolate S−oxygenase activity
5−methylthiopropyl glucosinolate S−oxygenase activity
4−methylthiopropyl glucosinolate S−oxygenase activity
3−methylthiopropyl glucosinolate S−oxygenase activity
11−cis retinal binding
[phosphorylase] phosphatase activity
xanthine transmembrane transporter activity
trans−octaprenyltranstransferase activity
trans−hexaprenyltranstransferase activity
sphingosine hydroxylase activity
sphingolipid delta−4 desaturase activity
sphinganine−1−phosphate aldolase activity
serine O−acetyltransferase activity
serine 3−dehydrogenase activity
quercetin 2,3−dioxygenase activity
pyrimidine nucleotide transmembrane transporter activity
pyridoxamine−phosphate oxidase activity
protoheme IX farnesyltransferase activity
potassium ion antiporter activity
peptide−methionine (S)−S−oxide reductase activity
oxidoreductase activity, acting on the CH−NH2 group of donors
oxidoreductase activity, acting on single donors with incorporation of molecular oxygen
oxidoreductase activity, acting on NAD(P)H, heme protein as acceptor
organic acid binding
O−succinyltransferase activity
lignostilbene alpha beta−dioxygenase activity
lactonohydrolase activity
hydroxymethylglutaryl−CoA synthase activity
hydroperoxy icosatetraenoate dehydratase activity
homoserine O−succinyltransferase activity
homoserine O−acetyltransferase activity
guanine transmembrane transporter activity
folic acid:proton symporter activity
di−trans,poly−cis−decaprenylcistransferase activity
CXCR4 chemokine receptor binding
cis−trans isomerase activity
CDP−glycerol diphosphatase activity
carotenoid dioxygenase activity
carboxymethylenebutenolidase activity
carbon−nitrogen lyase activity
benzil reductase [(S)−benzoin−forming] activity
ATPase−coupled guanine transmembrane transporter activity
ATPase−coupled 3',5'−cyclic GMP transmembrane transporter activity
all−trans−nonaprenyl−diphosphate synthase (geranyl−diphosphate specific) activity
all−trans−decaprenyl−diphosphate synthase activity
all−trans−8'−apo−beta−carotenal 15,15'−oxygenase
all−trans retinoic acid 18−hydroxylase activity
acyl carrier activity
acyl binding
9−cis−epoxycarotenoid dioxygenase activity
9−cis−beta−carotene 9',10'−cleavage oxygenase activity
4−hydroxyphenylpyruvate dioxygenase activity
2',3'−cyclic−nucleotide 2'−phosphodiesterase activity
2−oxo−3−(5−oxofuran−2−ylidene)propanoate lactonase activity
2−octaprenyl−6−methoxyphenol hydroxylase activity
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Biological Process
oxidation−reduction process
forebrain development
multicellular organism development
peptidyl−tyrosine phosphorylation
canonical Wnt signaling pathway
negative regulation of canonical Wnt signaling pathway
homophilic cell adhesion via plasma membrane adhesion molecules
commissural neuron axon guidance
positive regulation of osteoblast differentiation
cellular response to retinoic acid
basement membrane organization
collagen fibril organization
wound healing, spreading of cells
negative regulation of protein ubiquitination
hydrogen peroxide catabolic process
forebrain regionalization
tRNA wobble position uridine thiolation
steroid biosynthetic process
regulation of extracellular matrix disassembly
regulation of DNA damage checkpoint
protein−chromophore linkage
Mo−molybdopterin cofactor biosynthetic process
lens fiber cell development
histone H3−K4 methylation
heme biosynthetic process
determination of dorsal identity
cellular response to starvation
biomineral tissue development
anterior/posterior axis specification
smooth muscle cell differentiation
response to transforming growth factor beta
response to progesterone
respiratory chain complex IV assembly
regulation of fibroblast growth factor production
regulation of canonical Wnt signaling pathway
placenta blood vessel development
oxygen homeostasis
outer medullary collecting duct development
negative regulation of endothelial cell migration
metanephric collecting duct development
kidney morphogenesis
inner medullary collecting duct development
developmental growth involved in morphogenesis
cornea development in camera−type eye
chemoattraction of dopaminergic neuron axon
branching morphogenesis of an epithelial tube
trophoblast giant cell differentiation
thiamine biosynthetic process
spinal cord anterior/posterior patterning
specification of animal organ axis polarity
response to manganese ion
regulation of steroid biosynthetic process
regulation of glycogen biosynthetic process
regulation of anterior head development
positive regulation of mitochondrial depolarization
peripheral nervous system axon regeneration
neural plate anterior/posterior regionalization
negative regulation of autophagy of mitochondrion
midbrain dopaminergic neuron differentiation
mammary gland epithelium development
intracellular receptor signaling pathway
hydrogen sulfide biosynthetic process
histone H3−K4 monomethylation
glucosinolate biosynthetic process
female gamete generation
entrainment of circadian clock by photoperiod
DNA damage induced protein phosphorylation
cysteine biosynthetic process via cystathionine
colon epithelial cell migration
C21−steroid hormone biosynthetic process
anterior/posterior axis specification, embryo
anterior head development
angiotensin−activated signaling pathway
response to low light intensity stimulus
regulation of skeletal muscle adaptation
regulation of actomyosin structure organization
pyrimidine nucleotide import into mitochondrion
positive regulation of aconitate hydratase activity
negative regulation of antimicrobial peptide production
guanine transmembrane transport
eye pigment precursor transport
cysteine biosynthetic process from serine
cellular biogenic amine biosynthetic process
beta−carotene catabolic process
alkanesulfonate catabolic process
[4Fe−4S] cluster assembly
0
5
10
15