HOKKAIDO UNIVERSITY

Title	MicroRNA expression profiling of cat and dog kidneys
Author(s)	Ichii, Osamu; Otsuka, Saori; Ohta, Hiroshi et al.
Citation	Research in Veterinary Science, 96(2), 299-303 https://doi.org/10.1016/j.rvsc.2014.01.003
Issue Date	2014-04
Doc URL	https://hdl.handle.net/2115/56453
Type	journal article
File Information	Supplemental table 2.pdf

Hokkaido University Collection of Scholarly and Academic Papers : HUSCAP

Supplemental Table 2. Summary of gene ontology analysis and gene targets of cat and dog kidney miRNAs

CO		MD	
Cats and Dogs		Cats and Dogs	
Process	establishment of localization, localization, transport, cellular ps.	Process (<0.004)	metabolic ps., organic substance metabolic ps., cellular ps., cellular metabolic ps., primary metabolic ps., macromolecule metabolic ps., single-organism ps., cellular nitrogen compound metabolic ps., nitrogen compound metabolic ps.,
Function	binding, protein binding, ATP-dependent helicase activity, purine NTP-dependent helicase activity, ATPase activity coupled	Function (<0.0005)	binding, ion binding, heterocyclic compound binding, organic cyclic compound binding, hydrolase activity, protein binding, catalytic activity, metal ion binding, cation binding, nucleic acid
Component	cell part, cell, myelin sheath abaxonal region, intracellular part, basement membrane, intracellular	Component ($<10^{-7}$)	intracellular part, intracellular, intracellular organelle, organelle, cell part, cell, organelle part, intracellular membrane-bounded organelle, membrane-bounded organelle, intracellular
Cat		Cat	
Process	None	Process ($<10^{-8}$)	cellular ps., primary metabolic ps., metabolic ps., organic substance metabolic ps., macromolecule metabolic ps., cellular metabolic ps., cellular macromolecule metabolic ps., localization, single-organism ps., single-organism cellular ps.
Function	None	Function (<0.0005)	binding, protein binding, ion binding, organic cyclic compound binding, heterocyclic compound binding, catalytic activity, enzyme binding, cation binding, metal ion binding, small
Component	intracellular, intracellular part	Component ($<10^{-14}$)	intracellular part, intracellular, intracellular membrane-bounded organelle, membrane-bounded organelle, cell, intracellular organelle, cell part, organelle, cytoplasm, nucleus
Dog		Dog	
Process (<0.00005)	cellular macromolecule metabolic ps., macromolecule metabolic ps., metabolic ps., regulation of cellular metabolic ps., regulation of metabolic ps., regulation of primary metabolic ps., cellular metabolic ps., nucleobase-containing compound metabolic ps., regulation of nitrogen compound metabolic ps.,	Process ($<10^{-8}$)	None
Function	binding, protein binding, cation binding, metal ion binding, ion binding, nucleic acid binding, heterocyclic compound binding, organic cyclic compound binding	Function ($<10^{-8}$)	cellular ps., primary metabolic ps., metabolic ps., organic substance metabolic ps., macromolecule metabolic ps., cellular metabolic ps., cellular macromolecule metabolic ps., localization, single-organism ps., single-organism cellular ps.
Component (<0.00001)	intracellular organelle, organelle, intracellular part, intracellular, intracellular membrane-bounded organelle, membrane-bounded organelle, nucleus, organelle part, cell part, cell	Component (<0.0005)	Binding, protein binding, ion binding, organic cyclic compound binding, heterocyclic compound binding, catalytic activity, enzyme binding, cation binding, metal ion binding, small

Only GO terms showing significance are listed. When more than 10 terms are deteced, the highest 10 terms are shown with the significant values. ps., process