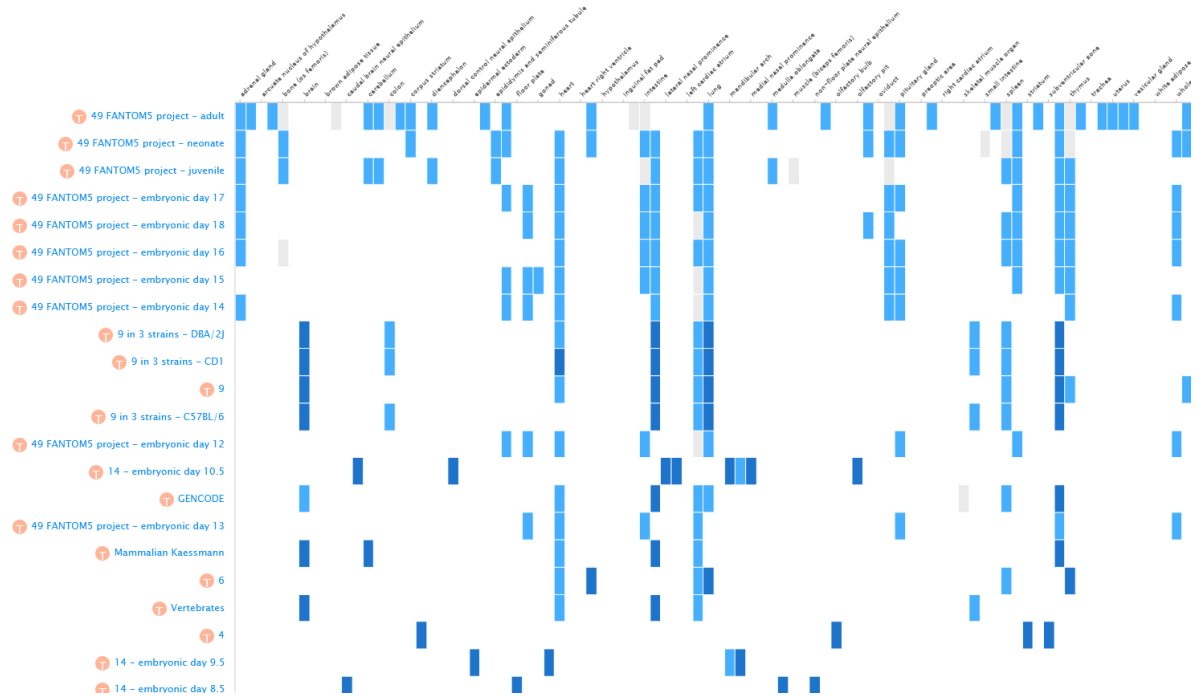


In mice, there are 52 experiments recorded in the database, and we can see that ARL6 is manifested in a lot of organism parts as well.



This gene is expressed differentially with high up and down regulation values when the conditions of the experimental variables are:

- Disease(Breast carcinoma, pancreatic adenocarcinoma)
- Stimulus(Lipopolysaccharide)
- Phenotype(catoGFP positive or negative)
- Block
- Organism part(campaniform neuron or normal neuron)
- Treatment(Blood alcohol content 0.04% declining or normal)
- Sampling time point(sample in time point 4 for 2 different treatments)

The cases with the highest up and down regulation are :


A downregulation of 4.5 in an experiment consisting of a multidimensional blood stimulation assay. The experimental variables are disease and stimulus.

-4.5		ARL6	'lipopolysaccharide' vs 'none' in 'normal'	disease, stimulus	A multidimensional blood stimulation assay reveals immune alterations underlying systemic juvenile idiopathic arthritis [RNA-Seq]
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A multidimensional blood stimulation assay reveals immune alterations underlying systemic juvenile idiopathic arthritis [RNA-Seq]
 'lipopolysaccharide' vs 'none' in 'normal'

Property	Test value (N=4)	Reference value (N=5)
disease	normal	normal
stimulus	lipopolysaccharide	none
age	4 year, 8 year	7 year, 5 year, 6 year, 4 year, 8 year
cell type	monocyte	monocyte
individual	H-394, H-391, H-398, H-397	H-396, H-394, H-392, H-391, H-398
organism	Homo sapiens	Homo sapiens
organism part	blood	blood
sex	female, male	female, male
stimulus	lipopolysaccharide	

The next higher absolute value is an upregulation of 3.7 in *Drosophila melanogaster* in an experiment consisting of transcription profiling by array of *Drosophila* embryonic chordotonal neurons. The experimental variable is the phenotype

3.7		Arl6	'catoGFP positive' vs 'catoGFP negative'	phenotype	Transcription profiling by array of <i>Drosophila</i> embryonic chordotonal neurons expressing the cato GFP reporter gene construct
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Transcription profiling by array of *Drosophila* embryonic chordotonal neurons expressing the cato GFP reporter gene construct
 'catoGFP positive' vs 'catoGFP negative'

Property	Test value (N=3)	Reference value (N=3)
phenotype	catoGFP positive	catoGFP negative
array design	A-AFFY-35	A-AFFY-35
cell type	embryonic cell	embryonic cell
developmental stage	embryonic stage	embryonic stage
genotype	w1118; catoGFP	w1118; catoGFP
organism	<i>Drosophila melanogaster</i>	<i>Drosophila melanogaster</i>