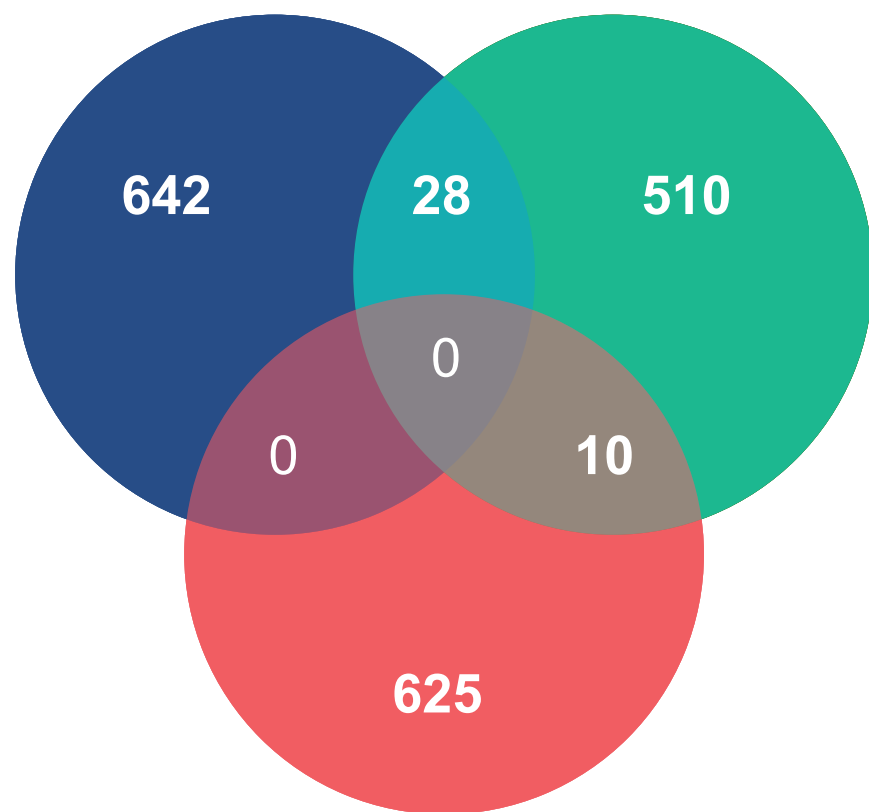


A

DEGs UP SPONGE-29

TARGET SCAN LIST



DEGs DOWN SPONGE-29

CPredicted mir-29 targets **down-regulated**

TET3					3
DNMT3AB					3
DNMT3B					3
MEX3B					3
COL4A1					3
NSD1A					3
BACH2B					3
XKR7(2 OF 2)					
RCC2					3
DIEXF					3

- Binding site conserved in *N. furzeri*
- Binding site conserved in *H. sapiens*
- Expression not influenced by aging

BPredicted mir-29 targets **up-regulated**

KDM6BB					4
DOT1L					4
EPC1					
FRAS1					
GRIP1					4
LAMC1					4
PNPLA3					1
PER2					
HBP1					1
AHSG					
ANKRD50					
BGNB					
CU571169.4					
ACY1					4
WU:FB52C12					
HMCN2					
CDKL1					1
CU638738.1					
PHC2B					
HYAL4					1
NEFL					4
IGFBP2A					
TMEM38A					
TLX3B					
MARCH9					
FHOD3 (1 OF 2)					
AEBP1 (2 OF 2)					

- Binding site conserved in *M. musculus*
- Interaction observed with CLIP-seq assay
- 1-3-4** Referred to gene dataset type of fig. 3E