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MmSOX2 NP_035573 -MYNMMETELKPPGPQASGGGGGGGNATAAATGGNQKNSPDR VKRPMNAFMVWSRGQRR
HsSOX-2 NP_003097.1 -MYNMMETELKPPGPQQTs--GGGGGNSTAAAGGNQKNSPDR VKRPMNAFMVWSRGQRR
SmSoxS1 Smp_301790.3 MQSNLANNHL-----TVCNNNMNSEN IKRPMNAFMVWSRLQRR
* : . . * : * : . . : * : * * * * * * * * * *

MmSOX2 NP_035573 KMAQENPKMHNSEISKRLGAEWKLLSETEKRPFIIDEAKRLRALHMKHEPDYKYRPRRKT
HsSOX-2 NP_003097.1 KMAQENPKMHNSEISKRLGAEWKLLSETEKRPFIIDEAKRLRALHMKHEPDYKYRPRRKT
SmSoxS1 Smp_301790.3 KMAEENPKLHNSEISKQLGNLWKSLTNTDKIPFIEANRLRDCHMRRYPNYKYCPRRKR
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MmSOX2 NP_035573 TLMK-----KDKYTLPGLLAPGGNSMASGVGVGAGLGAGVNQRMDS-----YAHM
HsSOX-2 NP_003097.1 TLMK-----KDKYTLPGLLAPGGNSMASGVGVGAGLGAGVNQRMDS-----YAHM
SmSoxS1 Smp_301790.3 QPTNKVVVLQHKVKTTSELPLELVLCPTRSNCFQASRLTRVSKVVTQPFNKPRIPITAPT
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MmSOX2 NP_035573 NGWS-NGSYSMMQEQLGYQPQHPGLNAHGAQMOPMHRVDVSALQYNSMTSSQTYMNGSPT
HsSOX-2 NP_003097.1 NGWS-NGSYSMMQDQLGYQPQHPGLNAHGAQMOPMHRVDVSALQYNSMTSSQTYMNGSPT
SmSoxS1 Smp_301790.3 KSYEITQNRNMFVNEMNHKPEP-FIITSQNMMPMS---NKLMPNICTSVQNLMDNNS
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MmSOX2 NP_035573 YSMSYSQQGTGPMALGSMGVSVKSEASSPPVVTSSSHSRAPCQAGDLRDMISMYLPGAE
HsSOX-2 NP_003097.1 YSMSYSQQGTGPMALGSMGVSVKSEASSPPVVTSSSHSRAPCQAGDLRDMISMYLPGAE
SmSoxS1 Smp_301790.3 AYLQSTD-----TIYDPYKTLQSLST--FLHNVNQHNITNYPDQKEFYTDF----N
: . : : : . * : * : : . . . . : * : : : :

MmSOX2 NP_035573 VPEPAAPSR LHMAQH---YQSGPVPVPG--TAINGTLPLSHM-
HsSOX-2 NP_003097.1 VPEPAAPSR LHMSQH---YQSGPVPVPG--TAINGTLPLSHM-
SmSoxS1 Smp_301790.3 VCQPTTSNVNNCNHELCPYDITHSPSEIYSSFSLDSIDLQTF
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Life Stage	Copy Number (approx.)
Sporocyst	24,000
Cercaria	16,000
4hr SLA	38,000
24hr SLA	47,000
48hr SLA	47,000
Adult	15,000
Snail	0

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