



A

Phox2a/b mouse	QRRIR	TTFTS	AQLKE	LERVF	AETHY	PDIYT	REELA	LKIDL	TEARV	QVWFQ	NRRAK	FRKQE	
Phox2a/b human	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100%
Phox2a/b xenopus	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100%
Phox2 amphioxus	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	100%
Phox2 <i>C. intestinalis</i>	-----	-----	S-----	--K--	-----	-----	-----	-----	-----	-----	-----	W--M-	93%
Phox2 <i>C. elegans</i>	-----	-----	G-----	--S-	C-----	-----	---I-	MR---	-----	-----	-----	Y----	88%

B

 region cloned in pSD-YFP

conserved regions :

 non coding sequence

 coding sequence

