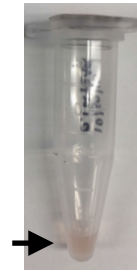


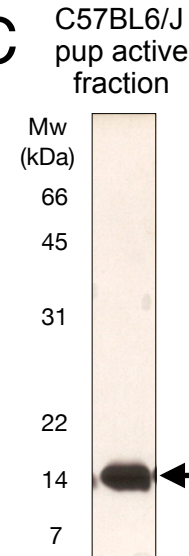
A

Uniprot id	Hits in C57BL6/J male salivary gland (ACTIVE)	Coverage (%)	C57BL6/J female salivary gland (ACTIVE)	129S1 male salivary gland (LESS ACTIVE)
A8DUK4	Beta-globin GN=Hbbt1	100.00	y	low
Q91VB8	Alpha globin 1 GN=haemaglobin alpha 2	93.66	y	y
P02089	Hemoglobin subunit beta-2 GN=Hbb-b2	44.90	y	y
P15949	Kallikrein 1-related peptidase b9 GN=Klk1b9	75.48	y	y
P36369	Kallikrein 1-related peptidase b26 GN=Klk1b26 (egfbp-2)	74.71	n	n
P00755	Kallikrein 1-related peptidase b1 GN=Klk1b1	63.98	y	y
P00756	Kallikrein 1-related peptidase b3 GN=Klk1b3	65.90	y	y
P04071	Kallikrein 1-related peptidase b16 GN=Klk1b16	60.92	y	y
P15946	Kallikrein 1-related peptidase b11 GN=Klk1b11	53.26	y	y
Q61759	Kallikrein 1-related peptidase b21 GN=Klk1b21	42.15	n	y
P15948	Kallikrein 1-related peptidase b22 GN=Klk1b22	54.44	y	n
P01132	Pro-epidermal growth factor GN=Egf	26.87	y	y
Q61754	Kallikrein 1-related peptidase b24 GN=Klk1b24	41.83	n	n
Q9JM71	Kallikrein 1-related peptidase b27 GN=Klk1b27	43.35	y	y
P15945	Kallikrein 1-related peptidase b5 GN=Klk1b5	52.87	n	n

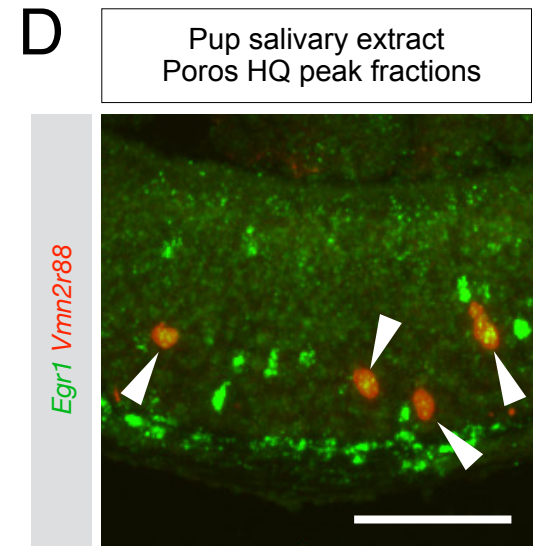
B



C



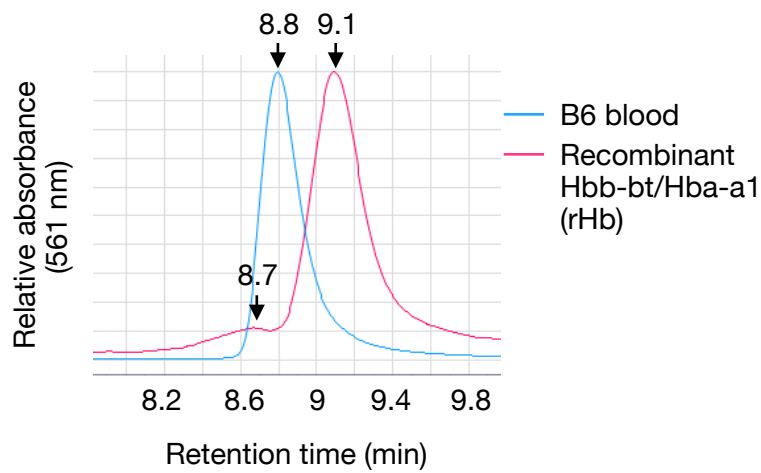
D



E

Description	# Unique Peptides	MW [kDa]
Beta-globin GN=Hbbt1	16	15.738
[K].DFTPAAQAAFQK.[V]		
[K].GTFASLSELHCDK.[L]		
[K].AAVSGLWGK.[V]		
[K].KVITAFNDGLNHLDSLK.[G]		
[R].LLGNMIVIVLGHHLGK.[D]		
[R].YFDSFGDLSSASAIMGNAK.[V]		
[K].AAVSGLWGKVNADVEVGGEALGR.[L]		
[R].LLGNMIVIVLGHHLGK.[D]		
[K].GTFASLSELHCDKLHVDPENFR.[L]		
[K].KVITAFNDGLNHLDSLK.[G]		
[R].LLVVPWTQR.[YF]		
[K].VITAFNDGLNHLDSLK.[G]		
Alpha globin 1 GN=haemaglobin alpha 2	7	15.103
[R].MFASFPTTK.[T]		
[K].TYFPHFDVSHGSAQVK.[G]		
[K].FLASVSTVLTSK.[Y]		
[K].LLSHCLLVTLASHHPADFTPAVHASLDK.[F]		
[K].KVADALANAAGHLDDLPGALSALSDDLHAHK.[L]		
[K].IGGHGAEYGAEALER.[M]		
[K].VADALANAAGHLDDLPGALSALSDDLHAHK.[L]		

F



G

	Mean	Std dev	# rep
B6 blood (tetramer)	9.084	0.008	3
rHb (tetramer)	8.636	0.016	3
rHb (dimer)	8.785	0.011	3

***p < 0.0001 by t-Test