

B

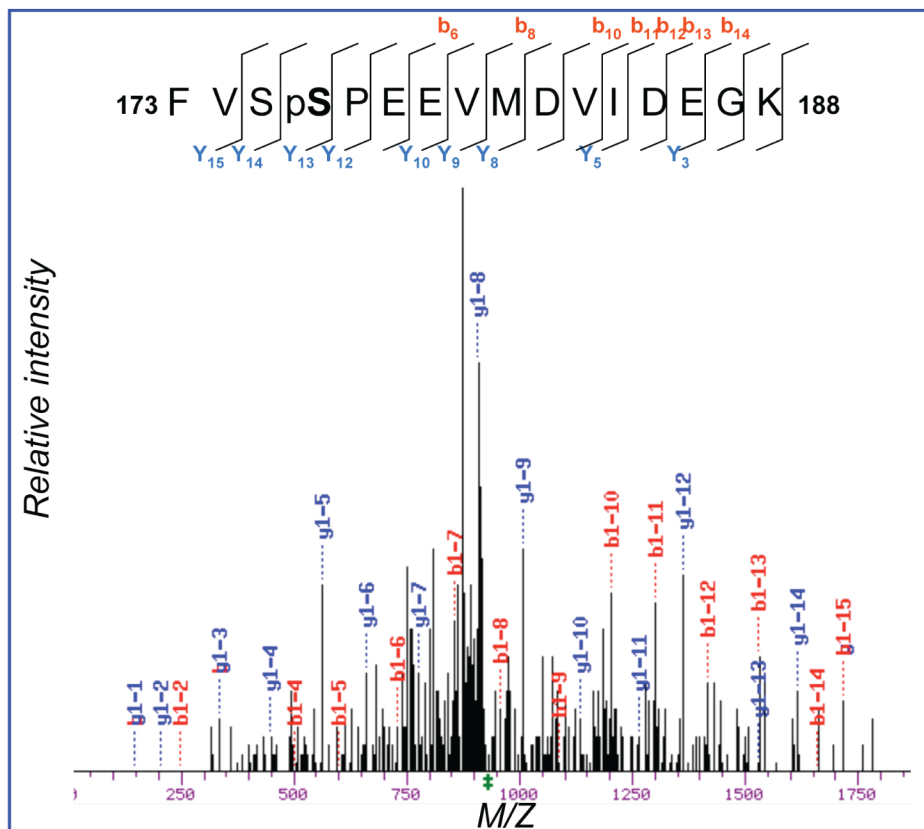
KHC-584

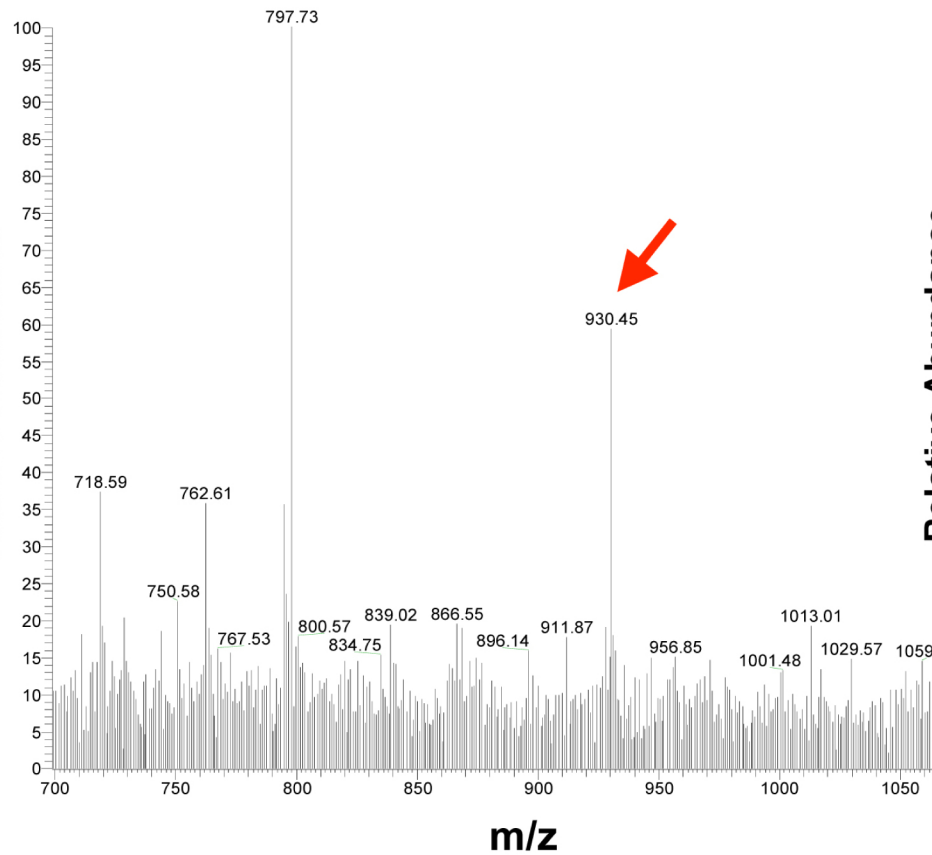
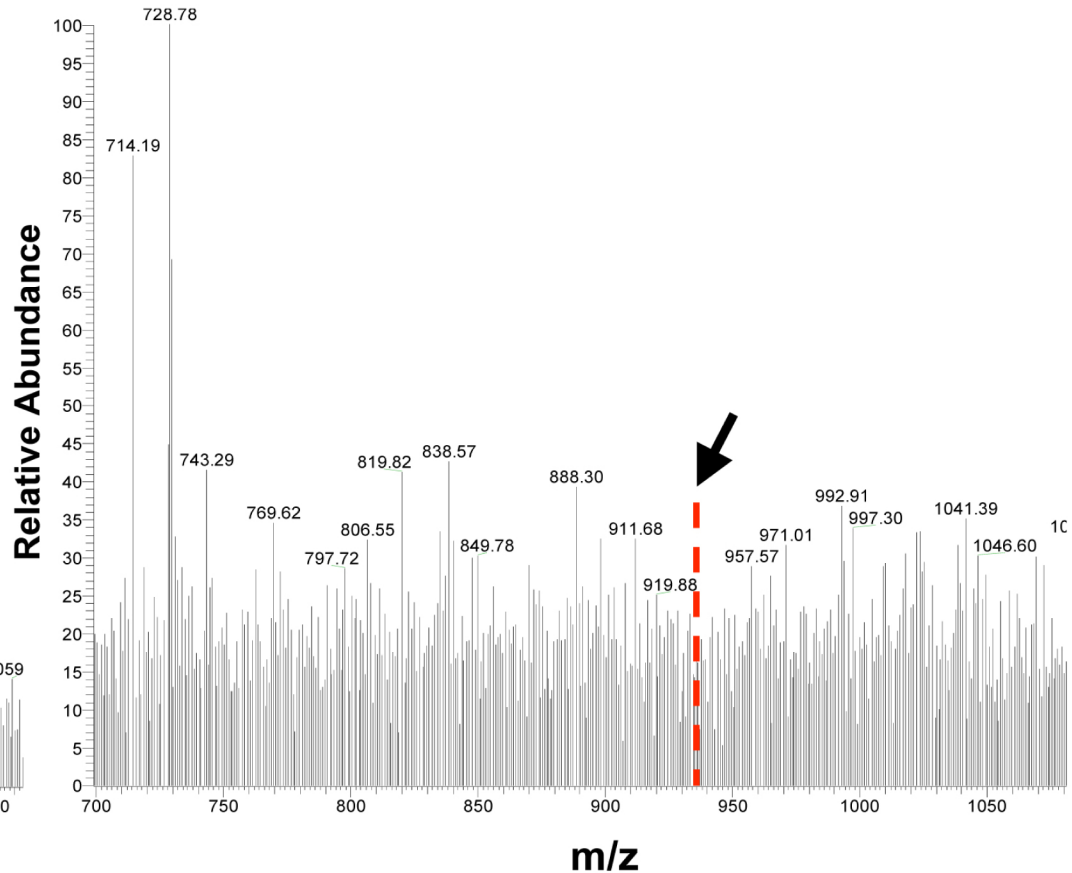
HHHHHHMADPAECSIKVMCRFRPLNEAEILRGDKFIRKFKGEETVIGQGKPYVFDRVLPPNTTQEQVYNACA
 KQIVKDVLEGYNGTIFAYGQTSSGKTHTMEGKLHDPQLMGIIPRIAHDFDHIYSMDENLEFHIVSYFEIYLDKI
 RDLLDVSKTNLAVHEDKNRVPYVKGCTERFVSS*PEEVMVIDEGKANRHVAVTNMNEHSSRSHSIFLINIKQE
 NVETEKKLSGKLYLVDLAGSEKVSKTGAEGAVLDEAKNINKSLSALGNVISALAEGTKTHVPYRDSKMTRILQD
 SLGGNCRRTTIVICCSPSVFNEAETKSTLMFGQRAKTIKNTVSVNLELTAEWKKKYEKEKEKNKALKSVIQHLE
 VELNRWRNGEAVPEDEQISAKDHSLEPCDNTPIIDNITPVVDGISAEKEKYDEEITSLYRQLDDKDDEINQQS
 QLAELKQQMLDQDELLASTRRDYEKIQEELTRLQIENEAAKDEVKEVLQALEELAVNYDQKSQEVEDKTRAN
 EQLTDELAQKTTTLTTTQRELSQLQELSNHQKRATEILNLLLKDLGEIGGIIGTNDVKTLADVNGVIEEFP

Protein coding for the first 584 aa of kinesin1-c from rat. Coverage of the 584 aa fragment is 72%

C

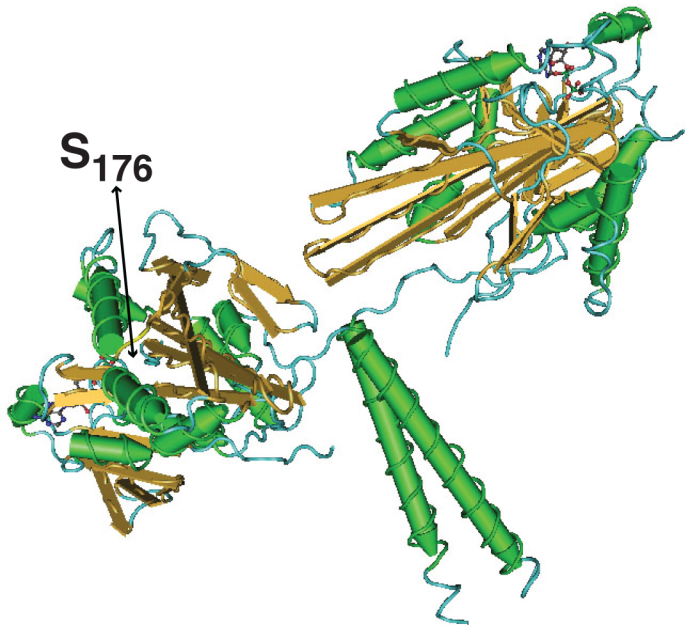
Ion charge (a)	MH+ (ion mass) (b)	Xcorr (c)	dCn (d)	Sequence (e)
2	1862.0 (-1.4)	2.8069	0.395	R.FVSS*PEEVMVIDEGK.A

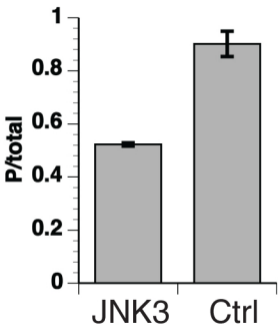


A**JNK3: Full ms RT: 58.44****JNK1: Full ms RT: 58.44**

A

Homo	173-FVSS [*] PEEVMDVIDEGK-188
Mus	173-FVSSPEEVMDVIDEGK-188
Loligo	173-FVSSPEEVMEVIDEGK-188

B



PolyQ-Htt



MAPKKK



MAPKK



JNK3

JNK1



**Neurofilaments
Others?**

**Neurofilaments
Others?**



kinesin-1

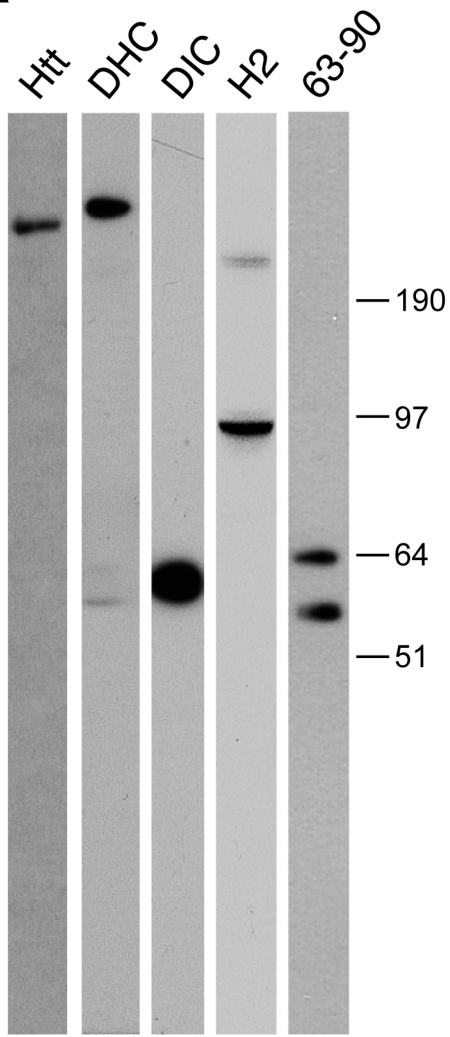
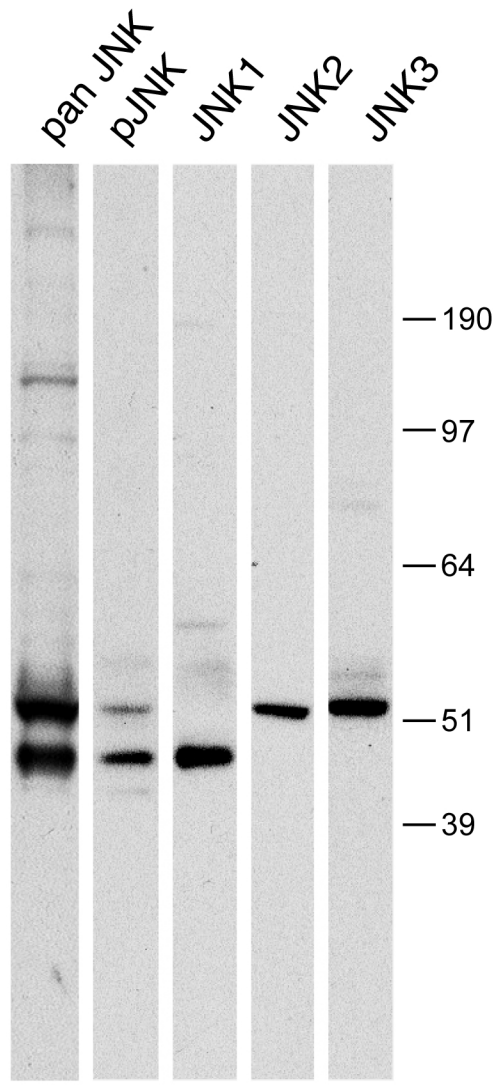


**c-Jun
ATF-2
Others**



Axonal Substrates

Nuclear Substrates

A**B****C**