

A

		10	20	30	40	50	60
DmMsh	SNFVSASLLAD	NRKPRTPFTTQQLLSLEKKFREKQYLSIAERA	EFSSSLRLTETQVKIWFQNRRAKAKRLQ				
TcMsh1	IS...E...SKA.....D.....					
TcMsh2	IS.....A.....D.....					
AmMsh1	IS...D...S.T.....H.....					
AmMsh2	LS...A....A.....T.R...V.....H.....M.					
DmTin	TP...KDI.NM	K...VL.SQA.V.E..CR..L.K..TG...EIIAQK.N.SA.....Y.S..GD					
TcTin	TP...KDI.NM	K...VL.SQA.VYE..RR.KQOK...AP..EQMAQG.K..P.....Y.S..QT					
AmTin	TP...RDI.SE	K...VL.SQN.VYE..QR.KQOR...AP..ELLAQT.K..S.....Y.N..AR					
DmBap	TP...INDI.TR	KKRS.AA.SHA.VFE..RR.AQOR...GP..S.MAK.....Y.T..K.					
TcBap	TP...INDI.KH	KKRS.AA..HA.VFE..RR.SQOR...GP..DLAQA.K.....Y...Y.T..K.					
AmBap	TP...I.DI.SR	KKRS.AA.SHA.VYE..RR.AAQK...GP..DLARG.K.....YDKNDSF					
DmLb1	KS...I.DI.GR	K...S..A..N..IFE...R.LYQK...P.D.D.IAGG.G.SNA..IT.....L..DM					
DmLbe	KS...I.DI.GH	K...S..A..NH.IFE...R.LYQK...P.D.D.IAA.G.SNA..IT.....Q..DI					
TcLb	KS...IVDI.NH	K...S..A..NH.IFE...R.LYQK...P.D.D.IA..G.NA..IT.....L..DM					
AmLb	KS...ILD.I.SH	K...S..A..N..IFE...R.LYQK...P.D.D.IAAQ.G.SNA..IT.....L..DM					
DmC15	LP...ISR..SK	RK...S..RI.VAE...R.HKOK..AS...ALARG.KM.DA...T.....T.WR.QT					
TcC15	LP...ISN..GK	RK...S..RL.IAE...R.HKOK..AS...ALAKT.KM.DA...T.....T.WR.QT					
AmC15	FF...IVE..IF	RK...S..RL.IAE...R.HKOK..AS...ALAKT.KM.DA...T.....T.WR.QT					
DmSlou	LA...ENI.DP	P.RA..A..YE..VA..N..KTTR...VC..LNLAL..S.....T.W.KQN					
TcSlou	LA...ENI.DP	P.RA..A..YE..VA..N..KTTR...VC..LNLAL..S.....T.W.KQN					
AmSlou	LA...ENI.DP	P.RA..A..YE..VA..N..KTTR...VC..LNLAL..S.....T.W.KQN					
DmHmx	-----	KK.T..V.SRA.VFQ..ST.DL.R...SS...GLAA.....N.W..QL					
TcHmx	T...IS.I.SR	KK.T..V.SRS.VFQ..ST.DM.R...SS...GLAA..H.....N.W..QL					

TN domain

Homeodomain

B

