

Expanded View Figures

	NxxN		NxxN
Human DLL1	RGETETMNNLANCQREKDIS	Human JAG1	HTHSASEDNTTNNVREQLNQ
Chimpanzee DII1	RGETETMNNLANCQREKDIS	Chimpanzee Jag1	HTHSASEDNTTNNVREQLNQ
Opossum DII1	RGETETMNNLANCQREKDIS	Opossum Jag1	HTHTASDDNTTNNVREQLNQ
Chick DII1	RSETETMNNLANCQREKDIS	Chick Jag1	HTHTASDDNTTNNVREQLNQ
Pig DII1	RGETETMNNLANCQREKDIS	Pig Jag1	HARSASEDNTTNNVREQLNQ
Dog DII1	RGETETMNNLANCQREKDIS	Dog Jag1	HARSASEDNTTNNVREQLNQ
Lion DII1	RGEAETMNNLANCQREKDIS	Lion Jag1	HARAASEDNTTNNVREQLNQ
Bovine DII1	RGETETMNNLANRQREKDIS	Bovine Jag1	HARAASEDNTTNNVREQLNQ
Mouse DII1	GGETETMNNLANCQREKDIS	Mouse Jag1	HTHSAPEDNTTNNVREQLNQ
Rat DII1	GGETETMNNLANCQREKDIS	Rat Jag1	HTHSAPEDNTTNNVREQLNQ
Xenopus DII1	RGESKTMNNLANCQREKDIS	Xenopus Jag1	HSHTASEDNTTNNVREQLNQ
Zebrafish DeltaA	NGENETINNLTNNCHRDKDL	Zebrafish Jag1b	TATSATEDNTTNNVREQLNQ
Zebrafish DeltaD	HSEIETMNNLTNNRSREKDL	Zebrafish Jag1a	SPFSTPEENTANNAREHLNQ
Human DLL4	DGSRREAMNNLSDFQKDNLIP	Human JAG2	ERSRLPREESANNQWAPLNP
Chimpanzee DLL4	DGSSREAMNNLSDFQKDNLIP	Chimpanzee Jag2	ERSRLPREESANNQWAPLNP
Opossum DII4	AGGREAMNNLSDFQKDNLIP	Opossum Jag2	ERSRIPREESVNNQWATLNP
Chick DII4	QQDLETMNNLSDFQKDNLIP	Chick Jag2	ERSHPPREEGANNQWAPLNP
Pig DII4	DGSRREAMNNLSDFQKDNLIP	Pig Jag2	ERSRLPREESANNQWAPLNP
Dog DII4	DGGREAMNNLSDFQKDNLIP	Dog Jag2	ERSRLPREESANNQWAPLNP
Lion DII4	DGGREAMNNLSDFQKDNLIP	Lion Jag2	ERSRLPREESANNQWAPLNP
Bovine DII4	DGSRREAMNNLSDFQKDNLIP	Bovine Jag2	ERSRLPREEGPNNQWAPLNP
Mouse DII4	DESREAMNNLSDFQKDNLIP	Mouse Jag2	ERSRLPRDESANNQWAPLNP
Rat DII4	DDSRREAMNNLSDFQKDNLIP	Rat Jag2	ERSRLPRDESANNQWAPLNP
Xenopus DII4	LHESNTMNNLSDFQKDNLIS	Xenopus Jag2.L	RERRSQEEESANNQREPLNP
Zebrafish DII4	RTRGEAMNNLSSESQRDNLIP	Zebrafish Jag2b	RRERVPEESVNNQWEPLRP
	NxxD	Zebrafish Jag2a	QREDTQMEESINNQRGTLIS
			ExxN

Figure EV1. Partial sequence comparison of Notch ligands.

A potential NBM is present in model organisms such as *Xenopus*, *Zebrafish* and *Mouse*, as well as several other species. In DLL1 and JAG1, a conserved NxxN motif is present, while in DLL4 and JAG2, a cryptic motif is present, which contains a D/E instead of an N. These motifs are all located at the N-terminus of the ICDs close to the plasma membrane