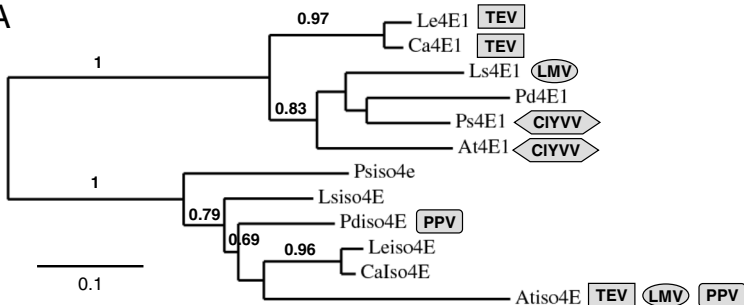


A



B

Ca4E1	1	MATAEMKTTTFFDEAEKVKLN.....NEADDEVEEVEEIVE.ETDITTSYLSKE.IATKH
At4E1	1	MAVEDTFKSVVTFEAKPNSIENPIDRYHEGDDAEEGEIIAGGEGGNGVDESSKSGVPESH
CaIso4E	1	MATELPPPVDTTTPVPTTAAATAVKQPH
Atiso4E	1	MATDGVNEPLPAAAELEAEAE...KQPH

		I		II
Ca4E1	54	FLEHSWTFWFDNPAVAKSKAAAWGSSLRNMYTFSTVEEFWFGAYNNIHHPSKLVVGCADLHCF		
At4E1	61	FLEHSWTFWFDNPAVAKSKQTSWGSSLRPVTFSTVEEFWFSLYNNMKHPSKLAHGADFYCF		
CaIso4E	29	KLERKWTWFDNQSKPKQCAAWGSSLRKAYTFSTVEEFWFLYDPTTQKPSKLVVADFFHF		
Atiso4E	27	KLERKWSFWFDNQSH...KEAAWGCASLRKAYTFSTVEEFWGLHETTHQTSKLTAAAEIHF		
		* * *	*	* *

Ca4E1	114	KTKIEPKWEDFVCANGGKWK...MSFSKCKSPSTSWLYTLTALIGHQFDEDEICGAVVSV
At4E1	121	KHIIEPKWEDHICANGGKWT...MTFFPKESDKSWLYTLTALIGEQFDHGDEICGAVVNI
CaIso4E	89	KAGIEPKWEDFECANGGKWT..VTSSRKANLDTMWLETLMALVGEQFDDSEICGAVVSV
Atiso4E	85	KAGVIEPKWEDFECANGGKWTWVVTANPKKALDKGWLTLTALIGEQFDEADEICGAVVSV
		* ** *

Ca4E1	171	R..GKGEKISLWTKMAANETAAQVSIQKQWQKQLDYSPVSGVFTEHDAKRLDRNAKNRYTV
At4E1	178	R..GKQERISLWTKMASNEAAQVSIQKQWKEQLDYNNISIGETIHLDAKLLDRNAKNAYTA
CaIso4E	147	R..RSQDKLSLWTKIATNEAAQMGIGRWKEIIDTEKISMSFHDSDSKRERSAKSRVTV
Atiso4E	145	RPQSKQKLSLWTRKSNNAVLMGIGRWKEILLDVTKITFNHDDSRRLSR.....ETV