

A)

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			I		
Gallin form1	MRFLYLI	SVFLLVSLAT	PGYGL	V	LKYCPKIGYCSNTCSKTQIWATSHGCKMYCCLPASWKWK
		T			
Gallin form2	MRFLCLVF	AVLLLVS	LAAPGYGL	V	LKYCPKIGYCSNTCSKTQIWATSHGCKMYCCLPASWKWK
					N
Gallin form3	MRFLCLVF	AVLLLVS	LAAPGYGL	V	LKYCPKIGYCSNTCSKTQIWATSHGCKMYCCLPAS
					SWKWK
	-----Signal peptide----		-----Mature gallin peptide-----		

B)

Taeniopygin1	MRFLCLVLA	AFLLLSLAAPVYGK	FRKTCAPMGYCSPKCRVMDLKYTSGDCKYSCCIPTAWKGK
Taeniopygin2	MRVIYVV	FAVFLMALMATPGQPK	RSCRGHCSRTC
	-----Signal peptide----		-----Mature taeniopygin peptide-----