

Extended consensus used to define Classes in this study	
Class 1	[ST]X[FWCYMVILA]
Class 2	[YFWCMVILA]X[YFWCMVILA]
Class 3	[DE]X[YFWCMVILA]
X any amino acid	

Nourry et al. 2003	
Class 1	[ST]X[VLI]
Class 2	[φ]X[φ]
Class 3	[DE]X[φ]
φ hydrophobic (V,I,L,F,Y)	
X any amino acid	

Tonikian et al. 2008	
Class 1a	φ[K/R]XSDV
Class 1b	Ω[R/K]ET[S/T/R/K]φ
Class 1c	φφETXL
Class 1d	ETXV
Class 1e	TWΨ
Class 1f	ΩΩTWΨ
Class 1g	φφφ[T/S][T/S]ΩΨ
Class 1h	φφ[D/E][T/S]WΨ
Class 2a	FDΩΩC
Class 2b	WXΩFDV
Class 2c	WΩφDΨ
Class 2d	φφX[E/D]φφφ
Class 2e	φφφφ
Class 2f	[D/E]φΩφ
Class 3a	WΩ[S/T]DWΨ
Class 4a	ΩφGWF
φ hydrophobic (V,I,L,F,W,Y,M)	
Ω aromatic (F, W,Y);	
Ψ aliphatic (V, I, L, M);	
X any amino acid	