

Clustal X Default Colouring

Category	Colour	Residue at position	{ Threshold, Residue group }*
Hydrophobic	BLUE	A,I,L,M,F,W,V	{>60%, WLVIAMAFCHP}
		C	{>60%, WLVIAMAFCHP}
Positive charge	RED	K,R	{>60%,KR},{>80%, K,R,Q}
Negative charge	MAGENTA	E	{>60%,KR},{>50%,QE},{>85%,E,Q,D}
		D	{>60%,KR}, {>85%, K,R,Q}, {>50%,ED}
Polar	GREEN	N	{>50%, N}, {>85%, N,Y}
		Q	{>60%,KR},{>50%,QE},{>85%,Q,E,K,R}
		S,T	{>60%, WLVIAMAFCHP}, {>50%, TS}, {>85%,S,T}
Cysteines	PINK	C	{>85%, C}
Glycines	ORANGE	G	{>0%, G}
Prolines	YELLOW	P	{>0%, P}
Aromatic	CYAN	H,Y	{>60%, WLVIAMAFCHP}, {>85%, W,Y,A,C,P,Q,F,H,I,L,M,V}
Unconserved	WHITE	any / gap	If none of the above criteria are met