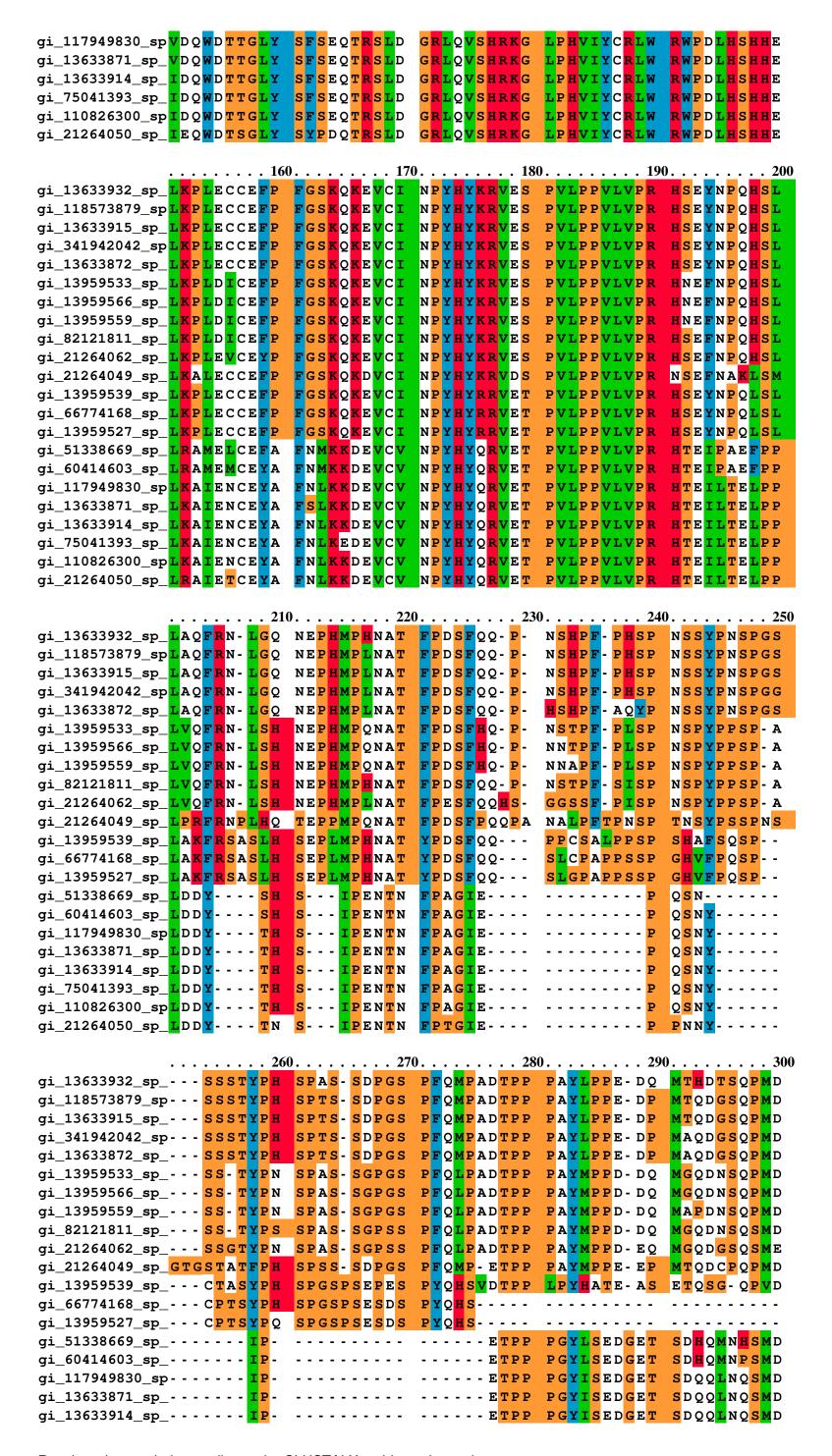
Results colour-coded according to the CLUSTALX residue colour scheme

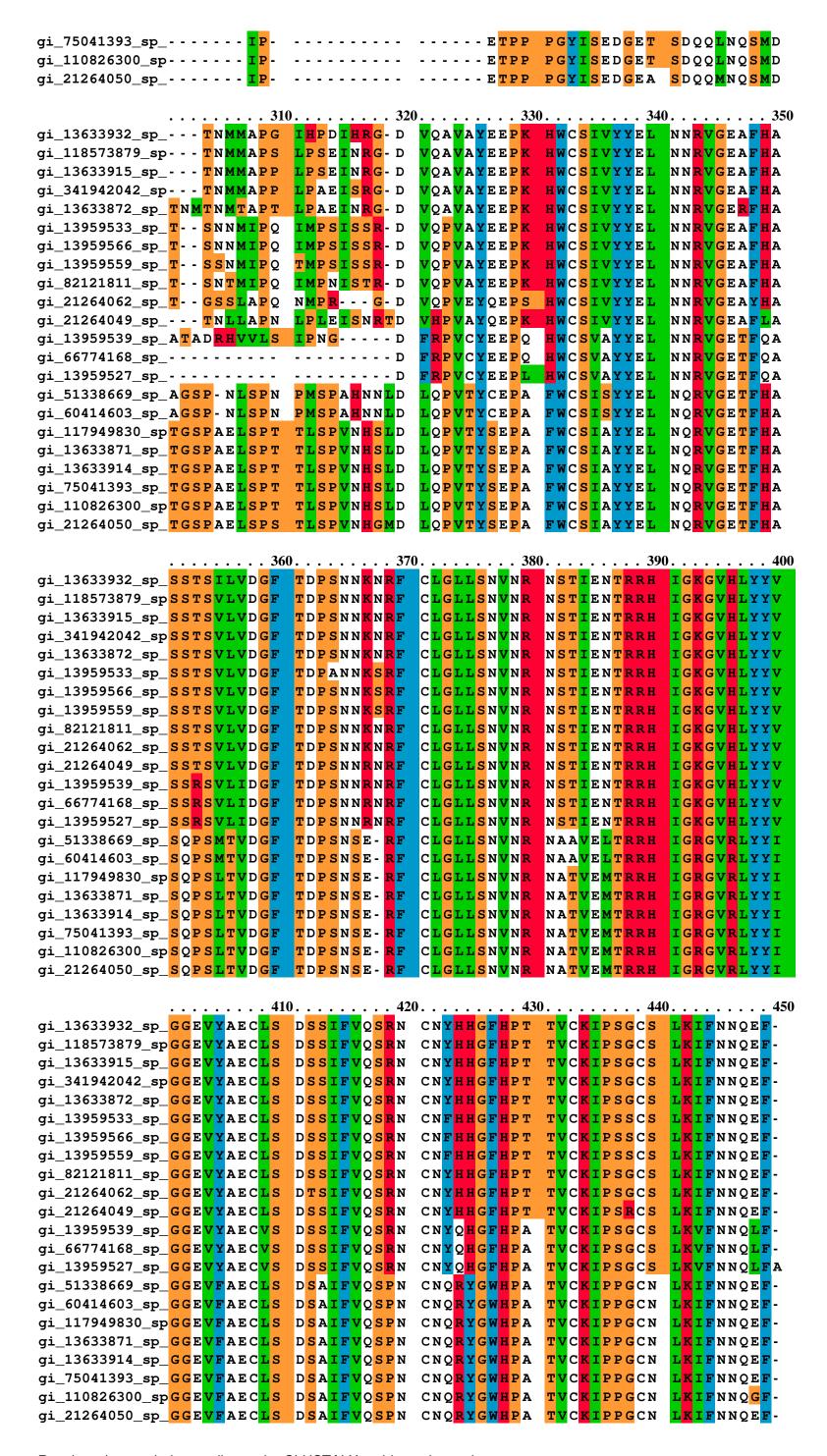
The current colourscheme of the alignment is by **residue**.

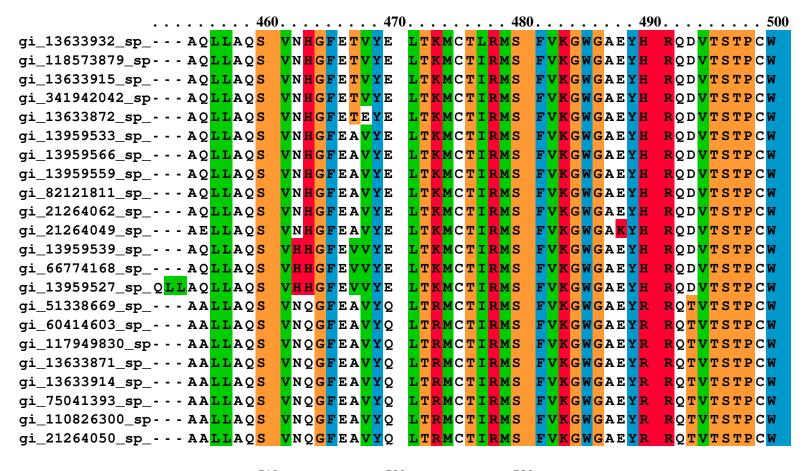
The colour assignments have been adapted from the defaults in CLUSTALX (Thompson et al, 1997) Abstract:

G, P, S, T H, K, R F, W, Y I, L, M, V

10	20	30	40	50
gi_13633932_sp MN <mark>VTSL</mark>	FSFTSPAVKR	LLGWK		GDEEEKWAEK
gi_118573879_spMNVTSL	FSFTSPAVKR	LLGWK	_	GDEEEKWAEK
gi_13633915_sp MNVTSL	FSFTSPAVKR		Q	GDEEEKWAEK
gi_341942042_spMNVTSL	FSFTSPAVKR	LLGW <mark>K</mark>	0	GDEEEKWAEK
gi_13633872_sp MNVTSL	FSFTSPAVKR	LLGWK	Q	GDEEEKWAEK
gi_13959533_sp MTSMASL	FSFTSPAVKR	LLGWK	Q	GDEEEKWAEK
gi_13959566_spMTSMASL	FSFTSPAVKR	LLGWK	Q	GDEEEKWAEK
gi_13959559_sp MTSMASL	FSFTSPAVKR	LLGWK	Q	GDEEEKWAEK
gi_82121811_sp MTSMASL	FSFTSPAVKR	LLGWK	Q	GDEEEKWAEK
gi_21264062_spMTSMSSL	FSFTSPAVKR	LLGW <mark>K</mark>	Q	GDEEEKWAEK
gi_21264049_sp MNVTSL	FSFTSPAVKR	LLGWK	Q	GDEEEKWAEK
gi_13959539_sp_ <mark>MH</mark> STTPISSL	FSFTSPAVKR	LLGWK	Q	GDEEEKWAEK
gi_66774168_sp_MHPSTPISSL	FSFTSPAVKR	LLGW <mark>K</mark>	Q	GDEEEKWAEK
gi_13959527_sp_MHPSTPISSL	FSFTSPAVKR	LLGW <mark>K</mark>	Q	GDEEEKWAEK
gi_51338669_sp MSSI	LPFTPPIVKR	LLGWKK	<mark>G</mark> EQ	NGQEEKWCEK
gi_60414603_sp MSSI	LPFTPPIVKR	LLGWKK	G EQ	NGQEEKWCEK
gi_117949830_sp MSSI	LPFTPPVVKR	LLGWKKSAGG	SGGA- GGGEQ	NGQEEKWCEK
gi_13633871_sp MSSI	LPFTPPVVKR	LLGWKKSAGG	SGGA- GGGEQ	NGQEEKWCEK
gi_13633914_sp MSSI	LPFTPPVVKR	LLGWKKSAGG	SGGA- GGGEQ	NGQEEKWCEK
gi_75041393_sp MSSI	LPFTPPVVKR	LLGWKKSAGG	SGGA- GGGEQ	NGQEEKWCEK
gi_110826300_sp MSSI	LPFTPPVVKR	LLGWKKSAGG	SGGA- GGGEQ	NGQEEKWCEK
gi_21264050_sp MSSI	LPFTPPVVKR	LLGWKKSASG	SSGAGGGGEQ	NGQEEKWCEK
3 = -1				
. <u>.</u> <u> 6</u> 0		<u>.</u>	<u></u> 90	100
gi_13633932_sp_A <mark>V</mark> DA <mark>LVKK</mark> LK	KKKGA <mark>M</mark> EE <mark>L</mark> E	KALSCPGQPS	NC <mark>VTIP</mark>	
gi_118573879_spA <mark>V</mark> DA <mark>LVKK</mark> LK	KKK <mark>G</mark> A <mark>M</mark> EE <mark>L</mark> E	KALSCPGQPS	NC <mark>VTIP</mark>	
gi_13633915_sp_A <mark>V</mark> DA <mark>LVKK</mark> LK	KKKGA <mark>M</mark> EE <mark>L</mark> E	KALSCPGQPS	NC <mark>VTIP</mark>	
gi_341942042_spA <mark>V</mark> DA <mark>LVKK</mark> LK	KKK <mark>G</mark> A <mark>M</mark> EE <mark>L</mark> E	KALSCPGQPS	NC <mark>VTIP</mark>	
gi_13633872_sp_A <mark>V</mark> DA <mark>LVKK</mark> LK	KKK <mark>G</mark> A <mark>M</mark> EE <mark>L</mark> E	KALSCPGQPS	NCVTIP	
gi_13959533_sp_A <mark>V</mark> DA <mark>LVKK</mark> LK	KKKGA <mark>M</mark> EE <mark>L</mark> E	K <mark>al</mark> sspg <mark>o</mark> ps	KCVTIP	
gi_13959566_sp_A <mark>V</mark> DA <mark>LVKK</mark> LK	KKKGA <mark>M</mark> EE <mark>L</mark> E	K <mark>al</mark> sspg <mark>o</mark> ps	KCVTIP	
gi_13959559_sp_A <mark>V</mark> DA <mark>LVKK</mark> LK	KKKGA <mark>M</mark> EE <mark>L</mark> E	K <mark>al</mark> sspg <mark>o</mark> ps	KCVTIP	
gi_82121811_sp_A <mark>V</mark> DA <mark>LVKK</mark> LK	KKKGA <mark>M</mark> EE <mark>L</mark> E	K <mark>al</mark> sspg <mark>o</mark> ps	KCVTIP	
gi_21264062_sp_A <mark>V</mark> DA <mark>LVKKLK</mark>	KKKGAMED <mark>L</mark> E	K <mark>al</mark> sspgQps	KCVTIP	
gi_21264049_sp_A <mark>V</mark> DA <mark>LVKKLK</mark>	KKK <mark>G</mark> A <mark>M</mark> EE <mark>L</mark> E	R <mark>AL</mark> SCPGQPS	NCVTIP	
gi_13959539_sp_A <mark>V</mark> D <mark>SLVKKLK</mark>	KKK <mark>G</mark> A <mark>M</mark> DE <mark>L</mark> E	RALSCPGQPS	KCVTIP	
gi_66774168_sp_A <mark>V</mark> D <mark>SLVKKLK</mark>	KKKGAMDE <mark>L</mark> E	RALSCPGQPS	KCVTIP	
gi_13959527_sp_A <mark>V</mark> D <mark>SLVKKL</mark> K	KKKGAMDE <mark>L</mark> E	RALSCPGQPS	KCVTIP	
gi_51338669_sp_A <mark>VKSLVKKL</mark> -	<mark>KK</mark> TGQ <mark>L</mark> DE <mark>L</mark> E	K A I T T Q N V N T	KCITIP	
gi_60414603_sp_A <mark>VKSLVKKL</mark> -	KKTGQ <mark>L</mark> DE <mark>L</mark> E	K A I T T Q N I N T	KCITIP	. <u> </u>
gi_117949830_spA <mark>VKSLVKK</mark> L-	KKTG <mark>R</mark> LDE <mark>L</mark> E	KA <mark>ITT</mark> QNCNT	KCVTIPSTCS	E I W G L S T A N T
gi_13633871_sp_A <mark>VKSLVKKL</mark> -	KKTG <mark>R</mark> LDELE	KA <mark>ITT</mark> QNCNT	KCVTIPSTCS	E I W G L STANT
gi_13633914_sp_A <mark>VKSLVKK</mark> L-	KKTG <mark>R</mark> LDE <mark>L</mark> E	K A I TT Q N C N T	KCVTIPSTCS	E I W G L S T P N T
gi_75041393_sp_A <mark>VKSLVKK</mark> L-	KKTG <mark>R</mark> LDELE	K A I TT Q N C N T	KCVTIPSTCS	E I W G L S T P N T
gi_110826300_spA <mark>VKSLVKK</mark> L-	KKTG <mark>R</mark> LDELE	KA <mark>ITTQNCNT</mark>	KCVTIPSTCS	E I W G L S T P N T
gi_21264050_sp_A <mark>VKSLVKKL</mark> -	KKTGQ <mark>L</mark> DE <mark>L</mark> E	KA <mark>ITT</mark> QN <mark>R</mark> NT	KCVTIPSNCS	E I W G L S T P N T
11	0 12	130) 14() _. <u> 1</u> 50
gi_13633932_sp		GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_118573879_sp	RSID	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_13633915_sp		GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_341942042_sp	RSLD	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_13633872_sp	RSL D	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_13959533_sp	RSL D	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_13959566_sp	RSLD	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_13959559_sp	RSL D	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_82121811_sp	RSLD	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_21264062_sp	RSL D	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_21264049_sp	RSL D	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_13959539_sp	RSL D	GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_66774168_sp		GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_13959527_sp		GRLQVSHRKG	LPHVIYCRVW	RWPDLQSHHE
gi_51338669_sp			LPHVIYCRLW	
gi_60414603_sp			LPHVIYCRLW	
-				







. 510 520 530 gi_13633932_sp_IEIHLHGPLQ WLDKVLTQMG SPHNPISSVS gi_118573879_spIEIHLHGPLQ WLDKVLTQMG SPHNPISSVS gi_13633915_sp_IEIHLHGPLQ WLDKVLTQMG SPHNPISSVS qi 341942042 spIEIHLHGPLQ WLDKVLTQMG SPHNPISSVS WLDKVLTQMG SPHNPISSVS gi_13633872_sp_IEIHLHGPLQ qi 13959533 sp IEIHLHGPLQ WLDKVLTQMG SPLNPISSVS qi 13959566 sp IEIHLHGPLQ WLDKVLTQMG SPLNPISSVS gi_13959559_sp_IEIHLHGPLQ WLDKVLTOMG SPLNPISSVS gi_82121811_sp_IEIHLHGPLQ WLDKVLTQMG SPLNPISSVS gi_21264062_sp_IEVHLHGPLQ WLDKVLTQMG SPLNPISSVS qi_21264049_sp_IEIHLHGPLQ WLDKVLTQMG SPHNPISSVS WLDKVLTQMG SPHNPISSVS qi_13959539_sp_IEIHLHGPLQ gi_66774168_sp_IEIHLHGPLQ WLDKVLTQMG SPHNPISSVS gi_13959527_sp_IEIHLHGPLQ WLDKVLTQMG SPHNPISSVS gi_51338669_sp_IELHLNGPLQ WLDKVLTQMG SPSIRCSSVS gi_60414603_sp_IELHLNGPLQ WLDKVLTQMG SPSIRCSSVS gi_117949830_spIELHLNGPLQ WLDKVLTQMG SPSVRCSSMS gi_13633871_sp_IELHLNGPLQ WLDKVLTQMG SPSVRCSSMS gi_13633914_sp_IELHLNGPLQ WLDKVLTQMG SPSVRCSSMS WLDKVLTQMG SPSVRCSSMS gi_75041393_sp_IELHLNGPLQ gi_110826300_spIELHLNGPLQ WLDKVLTQMG SPSVRCSSMS qi_21264050_sp_IELHLNGPLQ WLDKVLTQMG SPSVRCSSMS