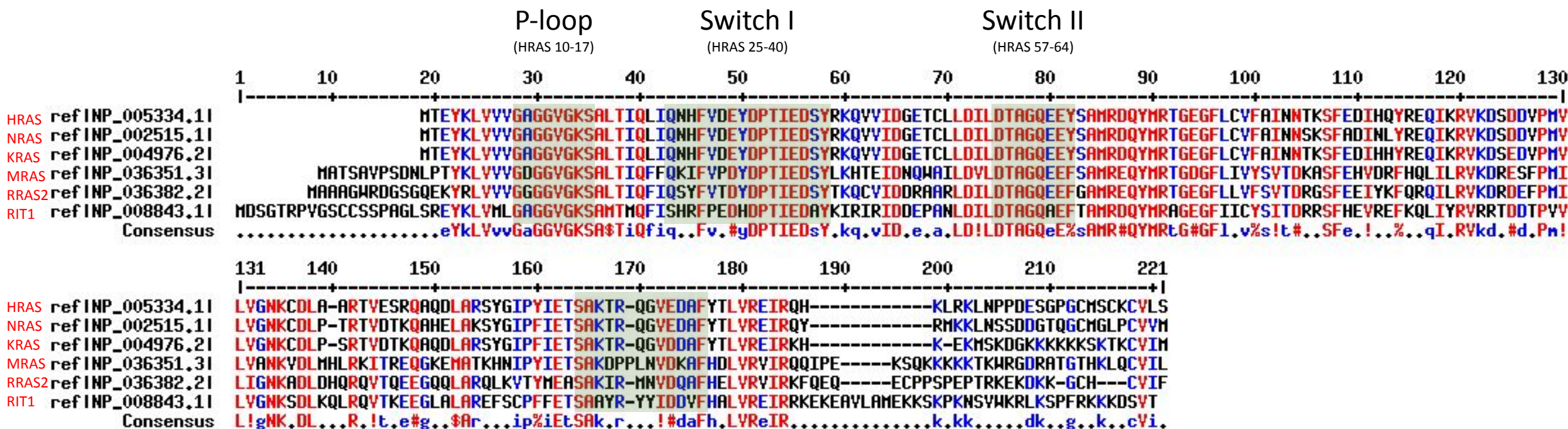


			P-loop (HRAS 10-17)	Switch I (HRAS 25-40)	Switch II (HRAS 57-64)	
HRAS	<input checked="" type="checkbox"/> NP_005334.1	1	M-----T	EYKLVVVGAGGVGKSALTIQLIQNH	FVDEYDPTIEDSYRKQVVIDGETCLLDILD	TAGQEEYSA 66
KRAS	<input checked="" type="checkbox"/> NP_004976.2	1	M-----T	EYKLVVVGAGGVGKSALTIQLIQNH	FVDEYDPTIEDSYRKQVVIDGETCLLDILD	TAGQEEYSA 66
MRAS	<input checked="" type="checkbox"/> NP_036351.3	1	MATSAVPSDNLPT	-YKLVVVG	DGGVGKSALTIQFFQKIFVPDYDPTIEDSYLK	HTEIDNQWAILDVLDTAGQEEFSA 76
NRAS	<input checked="" type="checkbox"/> NP_002515.1	1	M-----T	EYKLVVVGAGGVGKSALTIQLIQNH	FVDEYDPTIEDSYRKQVVIDGETCLLDILD	TAGQEEYSA 66
RIT1	<input checked="" type="checkbox"/> NP_008843.1	1	MDSGTRPVGSCCS [7]	EYKLVMLGAGGVGKSAMTMQFISHRFPEDHDPTIEDAYKIRIRIDDEPANLDILD	TAGQAEFTA 84	
RRAS2	<input checked="" type="checkbox"/> NP_036382.2	1	MAAAGWRDGSQGE	KYRLVVVGGGGVGKSALTIQFIQSYFVTDYDPTIEDSYTKQCVIDDRAARLDILD	TAGQEEFGA 77	
HRAS	<input checked="" type="checkbox"/> NP_005334.1	67	MRDQYMRTGEGFLCVFAINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGNKCDLA-	ARTVESRQAQDLARSYGIPYIETS	145	
KRAS	<input checked="" type="checkbox"/> NP_004976.2	67	MRDQYMRTGEGFLCVFAINNTKSFEDIHHYREQIKRVKDSDDVPMVLVGNKCDLP-	SRTVDTKQAQDLARSYGIPFIETS	145	
MRAS	<input checked="" type="checkbox"/> NP_036351.3	77	MREQYMRTGDGFLIVYSVTDKASFEHVDRFHQLILRVKDRESFPMILVANKVDLMH	LRKITREQGKEMATKHNIPYIETS	156	
NRAS	<input checked="" type="checkbox"/> NP_002515.1	67	MRDQYMRTGEGFLCVFAINNSKSFADINLYREQIKRVKDSDDVPMVLVGNKCDLP-	TRTVDTKQAHELAKSYGIPFIETS	145	
RIT1	<input checked="" type="checkbox"/> NP_008843.1	85	MRDQYMRAGEGFIICYSITDRRSFHEVREFKQLIYRVRRTDTPVVLVGNKSDLKQ	LRQVTKEEGLALAREFSCPFFETS	164	
RRAS2	<input checked="" type="checkbox"/> NP_036382.2	78	MREQYMRTGEGFLLVFSVTDGRGSFEEIYKFQRQILRVKDRDEFPMILIGNKADLDH	QRQVTQEEGQQLARQLKVTYMEAS	157	
HRAS 145-156						
HRAS	<input checked="" type="checkbox"/> NP_005334.1	146	AK-TRQGVEDAFYTLVREIRQH	-----KLRLNPPDESGPGCMSCKCVLS	189	
KRAS	<input checked="" type="checkbox"/> NP_004976.2	146	AK-TRQGVDDAFYTLVREIRKH	-----K-EKMSKDGGKKKKKSKTKCVIM	188	
MRAS	<input checked="" type="checkbox"/> NP_036351.3	157	AKdPPLNVDKAFHDLVRVIRQ-[1]	IPEKSQKKKKTKWRGDRA	TGTHKLQCVIL 208	
NRAS	<input checked="" type="checkbox"/> NP_002515.1	146	AK-TRQGVEDAFYTLVREIRQY	-----RMKRLNSSDDGTQ	GCMGLPCVVM 189	
RIT1	<input checked="" type="checkbox"/> NP_008843.1	165	AA-YRYYIDDVFHALVREIRRK [4]	VLAMEKKSKPKNSVWKRLKSPFRKKKDSVT	219	
RRAS2	<input checked="" type="checkbox"/> NP_036382.2	158	AK-IRMNVDAQAFHELVRVIRKF [7]	SPEPTRKEKDK-----KGCH---CVIF	204	



HRAS 145-156