

			αA''	αA''	αA''	αA''	αA''	αA''	αA''	
			~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	
CYP6BQ8-GA	1	.....	MLLN	NFTLN	.....	I	LAV	.F	.....	14
CYP6BQ8-LBS	1	.....								1
CYP6BQ8-PYR	1	.....								1
CYP6BQ9-GA	1	.....								1
CYP6BQ9-LBS	1	.....							MTLIT.N.NV	8
CYP6BQ9-PYR	1	.....							M	1
CYP6BQ10-GA	1	M....	T	.....	LITNNIT	.L	.NLV	.A	.....	14
CYP6BQ10-LBS	1	.....							MTLIT	5
CYP6BQ10-PYR	1	.....								1
CYP6BQ11-GA	1	.MSLIT	.....	DNLTF	.....	DLIA	.I	.LATI	L	20
CYP6BQ11-LBS	1	.....								1
CYP6BQ11-PYR	1	.....								1

			αA''	αA''	αA''	αA''	αA''	αA''	αA''	
			~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	
CYP6BQ8-GA	14	.....								14
CYP6BQ8-LBS	1	.....								1
CYP6BQ8-PYR	1	.....								1
CYP6BQ9-GA	1	.....							M	1
CYP6BQ9-LBS	9	TFDLIAIL	.....					A	.....	17
CYP6BQ9-PYR	1	.....								1
CYP6BQ10-GA	14	.....	I	.....						15
CYP6BQ10-LBS	5	.N	.....					NI	TLDFVAIIAT	18
CYP6BQ10-PYR	1	.....			MTLITNNI	TLDLVAII	.....			16
CYP6BQ11-GA	20	.....								20
CYP6BQ11-LBS	1	.....	MS	LITDNLTFDL	VA	.....		I	.....	15
CYP6BQ11-PYR	1	.....							M	1

			αA'	αA'	αA'	αA'	αA'	αA'	αA'	
			~	~	~	~	~	~	~	
CYP6BQ8-GA	14	.....								14
CYP6BQ8-LBS	1	.....			MLLNNE	TLNILA	VFV	TI	.....	17
CYP6BQ8-PYR	1	.....			MLLNFTL	NILA	.....	V	FITVL	19
CYP6BQ9-GA	1	.T	.....						L	3
CYP6BQ9-LBS	17	.....								17
CYP6BQ9-PYR	1	.....								1
CYP6BQ10-GA	15	.....								15
CYP6BQ10-LBS	19	FLV	.....						G	22
CYP6BQ10-PYR	16	.....								16
CYP6BQ11-GA	20	.....								20
CYP6BQ11-LBS	15	.....								15
CYP6BQ11-PYR	1	.SLITDNL	TFN	.....					LVAILATI	19

			αA'	αA'	αA'	αA'	αA'	αA'	αA'	
			~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	
CYP6BQ8-GA	14	...V	.....	TIL	V	.....	G	.....	V	21
CYP6BQ8-LBS	17	.LV	.....	G	.....	V	IVY	.....	F	25
CYP6BQ8-PYR	19	.....				GVI	.V	.....		23
CYP6BQ9-GA	4	I.TNN	.....	LT	L	D	.....	L	.....	16
CYP6BQ9-LBS	17	.....			T	.....	LLV	C.V	.....	23
CYP6BQ9-PYR	2	T.L	ITNNL	T	.....	FDLI	A	.....	I.L	19
CYP6BQ10-GA	15	...I	.....	A	.....	T	.....	FLVG	.I	26
CYP6BQ10-LBS	22	.....						I	.I	25
CYP6BQ10-PYR	16	.....			V	T	.....	FLV	GIIVYF	27
CYP6BQ11-GA	20	.....			V	G	.....	I	.....	26
CYP6BQ11-LBS	15	.....					LATIL	.....	VG	26
CYP6BQ11-PYR	20	L.V	.....				G	I.I	.....	24

			αA'	αA'	αA'	αA'	αA'	αA'	αA'		
			~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~		
CYP6BQ8-GA	21	.....		IVY	FKWHL	SYWDR	LGVP	SLSPVL	FFGDTK	51
CYP6BQ8-LBS	25	.....		KW	...HLS	YWDR	LGVP	SLSPVL	FFGDTK	51
CYP6BQ8-PYR	23	.....		YF	.KW	...HLS	YWDR	LGVP	SLSPVL	51
CYP6BQ9-GA	16	.ATF	LVGII	VYF	.K	...W	...QLS	YWDR	LGVP	SLNP	53
CYP6BQ9-LBS	24	IA	.Y	L	.KW	...HLTY	WNR	LGVP	SLNP	53
CYP6BQ9-PYR	19	.L	VCV	...I	AYL	.K	...WHLTY	WNR	LGVP	SLNP	53
CYP6BQ10-GA	26	.....		F	...KWQ	LSYWDR	LGVP	SLNP	TL	53
CYP6BQ10-LBS	25	.....		F	FKWQ	LSYWDR	LGVP	SLNP	PAL	53
CYP6BQ10-PYR	27	.....		K	.W	QLSYWDR	LGVP	SLNP	M	56
CYP6BQ11-GA	26	.....			FKWQ	LSYWDR	LGVP	SLNP	PVL	53
CYP6BQ11-LBS	26	.....			FKWQ	LSYWDR	LGVP	SLNP	PVL	53
CYP6BQ11-PYR	24	.....		VYF	KW	QLSYWDR	LGVP	SLNP	PVL	53

		αA	αA	αA	αA	$\beta 1-1$	
CYP6BQ8-GA	51	...LILS..	...K.C...T	I.G.....E	QFRVFYNKF.	K.SKG.FKHG	78
CYP6BQ8-LBS	51	...L.....	.I...LSKCT	.I.GEQFRV	FYNKFYSKGF	.....KHG	78
CYP6BQ8-PYR	51	...L.....	.I...L...S	KCTIGEQFRV	FYNKFYSKGY	.....KHG	78
CYP6BQ9-GA	53	...Y.....	.IFAKC...S	L.G.....E	QFKELYDQFK	SK...GYKHG	80
CYP6BQ9-LBS	53	...Y.....	.L...FGKCG	V.G.....E	QFAKFYKFK	SK.G..YKHG	80
CYP6BQ9-PYR	53	...YLFG..	...K.C...G	V.G.....E	QFAKFYKFK	SK.G.Y.KHG	80
CYP6BQ10-GA	53	...Y...IF	AK...C...S	L.G.....E	QFKELYDQFK	..SKG.YKHG	80
CYP6BQ10-LBS	53	...YIFA....	.K...C...S	L.G.....E	QFKELYDQFK	SK...GYKHG	80
CYP6BQ10-PYR	56	...A.....	.K...C...S	L.G.....E	QFKELYDQFK	SK...GYKHG	80
CYP6BQ11-GA	53	...FI...LA	.K...C...T	L.G.....E	QFKEFYKFK	..SKG.YKHG	80
CYP6BQ11-LBS	53	...FILA..	...K.C...T	L.G.....E	QFKEFYKFK	SK...GYKHG	80
CYP6BQ11-PYR	54	FI.LA....	.K...C...T	L.G.....E	QFKEFYKFK	SK...GYKHG	80

		$\beta 1-1$	$\beta 1-2$	αB	αB	$\alpha B'$	$\alpha B'$	
CYP6BQ8-GA	79	GIFFGPIPFY	IAIDPEIIKH	ILQKDFQHF	NHG.YYI.N.	E.EDDPLTGH		124
CYP6BQ8-LBS	79	GIFFGPVPFY	IAIDPEIIKH	ILQKDFQHF	NHG.YYI.NE	E..DDPLTGH		124
CYP6BQ8-PYR	79	GIFFGPIPFY	IAIDPEIIKH	ILQKDFQHF	NHG.YYI.NE	E..DDPLTGH		124
CYP6BQ9-GA	81	GIFVGPVPFY	IPVDPDLGKH	IMQKDFQHF	NHGFYIN.E.	E..VDPLTGN		126
CYP6BQ9-LBS	81	GIFVGPVPFY	IPVDPDLVKH	IMQKDFQHF	NHG.FYINE.	E..VDPLTGN		126
CYP6BQ9-PYR	81	GIFVGPVPFY	IPVDPDLVKH	IMQKDFQHF	NHGFYIN.E.	E..VDPLTGN		126
CYP6BQ10-GA	81	GIFVGPVPFY	IPIDPEIVQH	IMQKDFHHF	NHG.NYF.D.	E.NADPLSGH		126
CYP6BQ10-LBS	81	GIFVGPVPFY	IPIDPEIVQH	IMQKDF.HHF	MNH.GNY.FD	E.NADPLSGH		126
CYP6BQ10-PYR	81	GIFVGPVPFY	IPIDPEIVQH	IMQKDF.HHF	MNH.GNY.FD	E.NADPLSGH		126
CYP6BQ11-GA	81	GIFLGPVPFY	VPIDPELVKH	IMQKDFQHFV	NHG.NYF.D.	E.DADPLSGH		126
CYP6BQ11-LBS	81	GIFLGPVPFY	VPIDPELVKH	IMQKDFQHFV	NHGNFYD.E.	D..ADPLSGH		126
CYP6BQ11-PYR	81	GIFLGPVPFY	VPVDPPELVKH	IMQKDF.QHF	VNH.GNY.F.	DEDADPLSGH		126

		$\alpha B'$	αC	αC	$\alpha C'$	$\alpha C'$	$\alpha C'$	
CYP6BQ8-GA	125	LLNLENVKWK	NMRAKLTPTF	TSGKMKIMFQ	TLADYTTGLK	KVMDDSALNH		174
CYP6BQ8-LBS	125	LLNLENVKWK	NMRAKLTPTS	TSGKMKIMFQ	TLADYTTGLK	KVMDDSALNH		174
CYP6BQ8-PYR	125	LLNLENVKWK	NMRAKLTPTF	TSGKMKIMFQ	TLADCTTGLK	KVMDDSALNH		174
CYP6BQ9-GA	127	LFSLEDAKWR	NMRVKLTPTF	TSGKMKMMFQ	TLADCTRGLK	EIMDNLALNH		176
CYP6BQ9-LBS	127	LFSLEDAKWR	NMRVKLTPTF	TSGKMKMMFQ	TLADCTRGLK	EIMDNLALNH		176
CYP6BQ9-PYR	127	LFSLEDAKWR	NMRVKLTPTF	TSGKMKMMFQ	TLADCTRGLK	EIMDNLALNH		176
CYP6BQ10-GA	127	LFNLEDSKWK	NMRVKLTPTF	TSGKMKMMFQ	TLADCTRGLD	EIMDNSALNH		176
CYP6BQ10-LBS	127	LFNLEDSKWK	NMRVKLTPTF	TSGKMKMMFQ	TLADCTRGLD	EIMDNSALNH		176
CYP6BQ10-PYR	127	LFNLEDSKWK	NMRVKLTPTF	TSGKMKMMFQ	TLADCTRGLD	EIMDNSALNH		176
CYP6BQ11-GA	127	LFNLEDAKWK	NMRIKLTPTF	TSGKIKMMFQ	TLADCTRGLD	EIMDHSALNH		176
CYP6BQ11-LBS	127	LFNLEDAKWK	NMRIKLTPTF	TSGKIKMMFQ	TLADCTRGLK	EIMDHSALNH		176
CYP6BQ11-PYR	127	LFNLEDAKWK	NMRIKLTPTF	TSGKIKMMFQ	TLADCTRGLK	EIMDHSALNH		176

		αD	αD	$\alpha D'$	αE		
CYP6BQ8-GA	175	TPVDIKDIFG	RFTTDIIGSV	AFGIECNSLE	NPDAEFRKYG	KKVFEIDFFG	224
CYP6BQ8-LBS	175	TPVDIKDIFG	RFTTDIIGSV	AFGIECNSLE	NPDAEFRKYG	KKVFEIDFFG	224
CYP6BQ8-PYR	175	TPVDIKDIFG	RFTTDIIGSV	AFGIECNSLE	NPDAEFRKYG	KKVFEIDFFG	224
CYP6BQ9-GA	177	APADIKEILG	RFTTDIIGSV	AFGIECNSLK	NPDAEFRKYG	RKIVETGFID	226
CYP6BQ9-LBS	177	APADIKEILG	RFTTDIIGSV	AFGIECNSLK	NPDAEFRKYG	RKIVETGFID	226
CYP6BQ9-PYR	177	APADIKEILG	RFTTDIIGSV	AFGIECNSLK	NPDAEFRKYG	RKIVESGFID	226
CYP6BQ10-GA	177	APADIKDILG	RFTTDIIGSV	AFGIECNSLK	NPDAEFRKYG	RRVFEVGIID	226
CYP6BQ10-LBS	177	APADIKDILG	RFTTDIIGSV	AFGIECNSLK	NPDAEFRKYG	RRVFEVGIID	226
CYP6BQ10-PYR	177	TPADIKDILG	RFTTDIIGSV	AFGIECNSLK	NPDAEFRKYG	RRVFEVGIID	226
CYP6BQ11-GA	177	APADIKDILG	RFTTDIIGSV	AFGIECNSLK	DPDAEFRKYG	RKVFEVGF.I	225
CYP6BQ11-LBS	177	APADIKDILG	RFTTDIIGSV	AFGIECNSLK	DPDAEFRKYG	RKVFEVGF.I	225
CYP6BQ11-PYR	177	APADIKDILG	RFTTDIIGSV	AFGIECNSLK	DPDAEFRKYG	RKVFEVGF.I	225

		αE	$\alpha E'$	αF	αF	αF	
CYP6BQ8-GA	224	.RIKTLCTFA	IPHPILRLFR	FKFYNSDVAT	FFMDAIRETV	NYREKNNIYR	273
CYP6BQ8-LBS	225	RIKTLCT.FA	IPHPILRLFR	FKFYNSDVAT	FFMDAIRETV	NYREKNNIYR	273
CYP6BQ8-PYR	225	RIKTLCT.FA	IPHPILRLFR	FKFYNSDVAT	FFMDAIRETV	NYREKNNIYR	273
CYP6BQ9-GA	226	.RIKVFLVLS	IPHALLRFWR	FKFTNTEVET	FFMGAIQDTV	NYREKNNVYR	275
CYP6BQ9-LBS	227	RIKVFLV.LS	IPHALLRFWR	FKFTNTEVET	FFMGAIQDTV	NYREKNNVYR	275
CYP6BQ9-PYR	227	RIKVFLV.LS	IPHALLRFWR	FKFTNTEVET	FFMGAIQDTV	NYREKNNVYR	275
CYP6BQ10-GA	227	TIKLIICI.LS	LPDSVLRLLK	LKFTKSDVEN	FFMNAIRDTV	NYREKNNIYR	275
CYP6BQ10-LBS	227	TIKIICILS.	LPDSVLRLLK	FRFTKSDVEN	FFMNAIRDTV	NYRE.KNNIY	274
CYP6BQ10-PYR	227	RIKIICILA.	LPDSVLRLLK	LKFTKSDVEN	FFMNAIRDTV	NYRE.KNNIY	274
CYP6BQ11-GA	226	DRLKTICILS	LPHPVLRFFK	LKFTKSDVEK	FFMSAIRDTV	NYREKNNIYR	275
CYP6BQ11-LBS	226	DRLKTICILS	LPHPVLRFFK	LKFTKSDVEK	FFMSAIRDTV	NYREKNNIYR	275
CYP6BQ11-PYR	226	DRLKTICILS	LPHPVLRFFK	LKFTKSDVEK	FFMSAIRDTV	NYRE.KNNIY	274

		α G		α H		α H		α H	α H	
CYP6BQ8-GA	273	.KDFMHL	LQ	LKNR...GLV	....TD.D.	....EK...	.....	.....	.....	294
CYP6BQ8-LBS	273	.KDFMHL	LQ	LKNRG...LV	....T.D.	.....	.....	DE.....	.....	295
CYP6BQ8-PYR	273	.KDFMHL	LQ	LKNRG...LVT	....D.D.	EK...I...	..T.G.D.	.....	.....	300
CYP6BQ9-GA	275	.KDFMHL	LQ	LKNRG...LV	....AD...	....D....	.....	.....	.....	296
CYP6BQ9-LBS	275	.KDFMHL	LQ	LKNRGLVAD	....DQKI	....T....	..D.....	.....	.....	299
CYP6BQ9-PYR	275	.KDFMHL	LQ	LKNR...GLV	..AD...DQ	KITD.....	..DKGN..	.....	.....	304
CYP6BQ10-GA	275	.KDFMHL	LQ	LKNRG...SV	....TD...	.D.E.....	....K.V.T.	.....	.....	298
CYP6BQ10-LBS	275	RKDFMHL	LQ	LKNRG...S	....VTD...	.D.EKV...T	DD.....	.....	.....	303
CYP6BQ10-PYR	275	RKDFMHL	LQ	LKNRG...S	....VT...	..D..D...	.E.....	.....	.....	296
CYP6BQ11-GA	275	.KDFMHL	LQ	LKNR...GFV	A...DD..G	....KV...	.....	.....	.....	298
CYP6BQ11-LBS	275	.KDFMHL	LQ	LKNR...GFV	ADDGK.V.T	....D....	.....	.....	.....	301
CYP6BQ11-PYR	275	RKDFMHL	LQ	LKNR...GFV	A...D....	.DG...KVT	.D.....	.....	.....	299

		α H	α H	α H		α I	α I	α I	
CYP6BQ8-GA	295	ITG...D...	..KDIV...T	EALTMNELAA	QAFVFFLAGF	ETSSTAMTWA	.....	.....	333
CYP6BQ8-LBS	295	..TGDKD..	..I...V...T	EALTMNELAA	QAFVFFLAGF	ETSSTAMTWA	.....	.....	333
CYP6BQ8-PYR	300	.....	..I...V...T	EALTMNELAA	QAFVFFLAGF	ETSSTAMTWA	.....	.....	333
CYP6BQ9-GA	297	I.T...D.DK	G...NIKEN	DLITINELAA	QAFVFFLGGF	ETSSTVSWA	.....	.....	337
CYP6BQ9-LBS	299	...D..K...	..GN.IK.EN	DLITINELAA	QAFVFFLGGF	ETSSTMSWA	.....	.....	337
CYP6BQ9-PYR	304	.....	..K...E...N	DLITINELAA	QAFVFFLGGF	ETSSTMSWA	.....	.....	337
CYP6BQ10-GA	298	...D.DKD..	..NV.K...E	KALTLNELSA	QAFVFFLAGF	ETSSTMTWA	.....	.....	336
CYP6BQ10-LBS	303	.....	..V.K...E	KALTLNELSA	QAFVFFLAGF	ETSSTMTWA	.....	.....	336
CYP6BQ10-PYR	297	VTD.....D	KDN.VK...E	KALTLNELSA	QAFVFFLAGF	ETSSTMTWA	.....	.....	336
CYP6BQ11-GA	298	..DE..K...	..EN.VK...E	KALTLNELSA	QAFVFFLAGF	ETSSTMTWA	.....	.....	336
CYP6BQ11-LBS	301	.....	..ENVK...E	KALTLNELSA	QAFVFFLAGF	ETSSTMTWA	.....	.....	336
CYP6BQ11-PYR	300	E.....K	..ENVK...E	KALTLNELSA	QAFVFFLAGF	ETSSTMTWA	.....	.....	336

		α I	α J	α J		α K	α K	
CYP6BQ8-GA	334	LYELAINPDV	QOKLRAEIND	VLRKHNNKLT	YEAMDMTFM	EKVICETLRK	.....	383
CYP6BQ8-LBS	334	LYELAINPDV	QOKLRAEIND	VLRKHNNKLT	YEAMDMTFM	EKVICETLRK	.....	383
CYP6BQ8-PYR	334	LYELAINPDV	QOKLRAEIND	VLRKHNNKLT	YEAMDMTFM	EKVICETLRK	.....	383
CYP6BQ9-GA	338	LYELATNQDI	QEKLKEIND	VLSRHNNKLS	YDAMMEMTYM	DKVINETLRK	.....	387
CYP6BQ9-LBS	338	LYELATNQDI	QEKLKEIND	VLSRHNNKLS	YDAMMEMTYM	DKVINETLRK	.....	387
CYP6BQ9-PYR	338	LYELATNQDI	QEKLKEIND	VLSRHNNKLS	YDAMMEMTYM	DKVINETLRK	.....	387
CYP6BQ10-GA	337	LYELATNQDV	QEKLREINN	VLSRHDNKLT	YEAMMEMTYM	EKVIHETLRK	.....	386
CYP6BQ10-LBS	337	LYELATNQNV	QEKLREINN	VLSRHDNKLT	YEAMMEMTYM	EKVIHETLRK	.....	386
CYP6BQ10-PYR	337	LYELATNQNV	QEKLREINN	VLSRHDNKLT	YEAMMEMTYM	EKVIHETLRK	.....	386
CYP6BQ11-GA	337	LYELATNQDV	QEKLREINN	VLSRHDNKLT	YEAMMEMTYM	EKVIHETLRK	.....	386
CYP6BQ11-LBS	337	LYELATNQDV	QEKLREINN	VLSRHDNKLT	YEAMMEMTYM	EKVIHETLRK	.....	386
CYP6BQ11-PYR	337	LYELATNQDV	QEKLREINN	VLNRYDNKLT	YEAMMEMTYM	EKVIHETLRK	.....	386

		β 1-4	β 2-1	β 2-2	β 1-3	α K'	α K'	
CYP6BQ8-GA	384	YPPIPVLRTRK	CTKDYTIPT	SIQLQRGVSV	SVPVLALHTD	PEYYPNPEKF	.....	433
CYP6BQ8-LBS	384	YPPIPVLRTRK	CTKDYTIPT	SIQLQRGVSV	SVPVLALHTD	PEYYPNPEKF	.....	433
CYP6BQ8-PYR	384	YPPIPVLRTRK	CTKDYTIPT	SIQLQRGVSV	SVPVLALHTD	PEYYPNPEKF	.....	433
CYP6BQ9-GA	388	YPLPIIPRV	CNKDYTIPT	STKLSRGTAV	AIPVLAHTD	PEYYPNPEKF	.....	437
CYP6BQ9-LBS	388	YPLPIIPRV	CNKDYTIPT	STKLSRGTAV	AIPVLAHTD	PEYYPNPEKF	.....	437
CYP6BQ9-PYR	388	YPLPIIPRV	CNKDYTIPT	STKLSRGTAV	AIPVLAHTD	PEYYPNPEKF	.....	437
CYP6BQ10-GA	387	YPLPILTRK	CNKDYTIPT	SIKLRGTTV	AIPVGLHTD	PEYYSKPEKF	.....	436
CYP6BQ10-LBS	387	YPLPILTRK	CNKDYTIPT	SIKLRGTTV	AIPVGLHTD	PEYYSNPEKF	.....	436
CYP6BQ10-PYR	387	YPLPILTRK	CNKDYTIPT	SIKLRGTTV	AIPVGLHTD	PEYYSNPEKF	.....	436
CYP6BQ11-GA	387	YPLPILTRK	CNKDYTIPT	SIKLSRGTA	GIPVLAHTD	PEYYSNPEKF	.....	436
CYP6BQ11-LBS	387	YPLPILTRK	CNKDYTIPT	SIKLSRGTA	GIPVLAHTD	PEYYSNPEKF	.....	436
CYP6BQ11-PYR	387	YPLPILTRK	CNKDYTIPT	SIKLSRGTA	GIPVLAHTD	PEYYSNPEKF	.....	436

		α K''	α K''	α K''	Heme	α L	α L	α L	β 3-3
CYP6BQ8-GA	434	DPDRFSDENV	KARPGFTWLP	FGGPRICIG	LRFGLLQSKV	GLTAVLKHYR	.....	.....	483
CYP6BQ8-LBS	434	DPDRFSDENV	KARPGFTWLP	FGGPRICIG	LRFGLLQSKV	GLTAVLKHYR	.....	.....	483
CYP6BQ8-PYR	434	DPDRFSDENV	KARPGFTWLP	FGGPRICIG	LRFGLLQSKV	GLTAVLKHYR	.....	.....	483
CYP6BQ9-GA	438	DPEHFSEENV	KARPGFTWLP	FGDGPRICIG	MRFGMMQSKV	GLATILKNYK	.....	.....	487
CYP6BQ9-LBS	438	DPEHFSEENV	KARPGFTWLP	FGDGPRICIG	MRFGMMQSKV	GLATILKNYK	.....	.....	487
CYP6BQ9-PYR	438	NPEHFSEENV	KSRPGFTWLP	FGDGPRICIG	MRFGMMQSKV	GLATILKNYK	.....	.....	487
CYP6BQ10-GA	437	DPEHFSEENV	KSRPGFTWLP	FGDGPRICIG	LRFGMLQSKV	GLTALLKNYK	.....	.....	486
CYP6BQ10-LBS	437	DPEHFSEENV	KTRPGFTWLP	FGDGPRICIG	LRFGMLQSKV	GLTALLKNYK	.....	.....	486
CYP6BQ10-PYR	437	DPEHFSEENV	KSRPGFTWLP	FGDGPRICIG	LRFGMLQSKV	GLTALLKNYK	.....	.....	486
CYP6BQ11-GA	437	DPEHFSEENV	KTRPGFTWLP	FGDGPRICIG	LRFGMLQSKV	GLTALLKNYK	.....	.....	486
CYP6BQ11-LBS	437	DPEHFSEENV	KTRPGFTWLP	FGDGPRICIG	LRFGMLQSKV	GLTALLKNYK	.....	.....	486
CYP6BQ11-PYR	437	DPEHFSEENV	KTRPGFTWLP	FGDGPRICIG	LRFGMLQSKV	GLTALLKNYK	.....	.....	486

	β3-3		β3-2	
	→		→ → →	
CYP6BQ8-GA	484	IKLNHKTQLP	VTLNPRSF.I	TSAKGGVWLD VEKID 517
CYP6BQ8-LBS	484	IKLNHKTQLP	VTLNPR.SFI	TSAKGGVWLD VEKID 517
CYP6BQ8-PYR	484	IKLNHKTQLP	VTLNAR.SFI	TSAKGGVWLD VEKID 517
CYP6BQ9-GA	488	IKLNNKTEFP	IKVDPKNE.I	TTAKGGVWLD VEKLD 521
CYP6BQ9-LBS	488	IKLNNKTEFP	IKVDPK.NFI	TTAKGGVWLD VEKLD 521
CYP6BQ9-PYR	488	IKLNNKTEFP	IKVDPKNE.I	TTAKGGVWLD VEKLD 521
CYP6BQ10-GA	487	VILSNKTKFP	VTLDPK.SFI	TTAKDGIWLD VKKLD 520
CYP6BQ10-LBS	487	VTLSNKTKFP	VTLDPK.SFI	TTAKDGIWLD VKKLD 520
CYP6BQ10-PYR	487	VTLSNKTKFP	VTLDPK.SFI	TTAKDGIWLD VKKLD 520
CYP6BQ11-GA	487	IKLSKKTELP	IKLDPKSF.I	TTAKGGIWLD VEKLD 520
CYP6BQ11-LBS	487	IKLSKKTELP	IKLDPKSF.I	TTAKGGIWLD VEKLD 520
CYP6BQ11-PYR	487	IKLSKKTELP	IKLDPK.SFI	TTAKGGIWLD VEKLD 520