

Additional file 2. Identity matrix of genes in the CYP6BQ cluster illustrating percentage identities among 12 cluster genes. Values on the top right of the diagonal represent the identities of the full length of nucleotide sequence, while values on the bottom left are the amino acid sequence identities. Percent identities greater than 90% are shown in bold. “x” symbolizes no translated comparisons available for *CYP6BQ3P*.

	CYP6BQ1	CYP6BQ2	CYP6BQ3	CYP6BQ4	CYP6BQ5	CYP6BQ6	CYP6BQ7	CYP6BQ8	CYP6BQ9	CYP6BQ10	CYP6BQ11	CYP6BQ12
CYP6BQ1	----	61	65	60	65	62	63	62	62	62	64	61
CYP6BQ2	52	----	58	94	62	57	61	61	60	61	61	62
CYP6BQ3	x	x	----	60	95	67	67	66	64	66	66	68
CYP6BQ4	52	95	x	----	62	56	62	60	60	61	61	62
CYP6BQ5	61	56	x	56	----	67	65	65	63	66	66	63
CYP6BQ6	59	56	x	57	67	----	72	65	66	68	69	65
CYP6BQ7	57	57	x	57	64	75	----	68	64	66	67	64
CYP6BQ8	58	52	x	53	62	63	63	----	75	76	77	63
CYP6BQ9	58	53	x	55	61	64	61	70	----	82	82	64
CYP6BQ10	59	56	x	56	65	64	64	73	76	----	88	66
CYP6BQ11	60	55	x	55	66	66	65	75	79	87	----	65
CYP6BQ12	55	53	x	54	60	65	63	61	60	62	63	----