

**Supplementary Table S1 Gene Primers Sequence**

Gene	Abbr.	Forward Primer Sequence (5'-3')	Reverse Primer Sequence (5'-3')
Albumin	<i>Alb</i>	GTAACCTTTCTCCTCCTCTTC	AGTCAGCCAGTTCACCGTAGTT
Beta Actin	<i><math>\beta</math>-Actin</i>	CCTGAAGTACCCCATGAACAC	CTCATTGCCGATAGTGATGACC
Cytochrome P450, family 1, subfamily A, polypeptide 1	<i>cyp1a1</i>	GGAGGAAGTGGAAGGGCATAGG	CACCCAGAATCCAAGGCAGAA
Cytochrome P450, family 1, subfamily A, polypeptide 2	<i>cyp1a2</i>	AGCTTCTCCATAGCCTCGGA	TTAGCCACCGATTCCACCAC
Cytochrome P450, family 3, subfamily A, polypeptide 2	<i>cyp3a2</i>	GCAAGCCTGTCACCATGAAA	GGTTGTTAAGGGAATCGACGTT
Arginase 1	<i>arg-1</i>	CAACACTCCGCTGACAACC	CAGATATGCAGGGGTCAC
Arginosuccinate lyase	<i>asl</i>	TCAACAGTATGGATGCCAACC	CAAATAGGAGATAGCGGTCCT
Arginosuccinate Synthetase 1	<i>ass-1</i>	TCGCAGACAGGTGGAGATTG	GGTGACAGGGATGGGGATTC
Carbamoyl-phosphate synthetase 1	<i>cps-1</i>	GTCGCCACACAGCTTTCTTTC	TCCCACTGTCGCTTCGTAGT
N-acetylglutamate synthase	<i>nags</i>	CAAAGAGCGGCAGCAGATTC	AGCTGGCGTTGACTAGGTTC