

S3 Table. Sequence Identity of Turkey Selenoprotein Transcripts relative to Chicken, Human, and Mouse sequences

Gene	Alias	CDS bp	Chicken (<i>Gallus gallus</i>)		Human (<i>Homo sapiens</i>)		Mouse (<i>Mus musculus</i>)	
			% ¹	Sequence No.	% ¹	Sequence No.	% ¹	Sequence No.
GPX1		588	97	NM_001277853.1	78.5 ²	NM_000581.2	75	NM_008160.6
GPX2		576	97	NM_001277854.1	75	NM_002083.3	74	NM_030677.2
GPX3		660	98	NM_001163232.2	74	NM_002084.3	74	NM_008161.3
GPX4		579	95	AF498316.2	76.5 ²	NM_001039848.1	75	NM_001037741.2
DIO1		741	95	NM_001097614.1	69	NM_000792.5	69	NM_007860.3
DIO2		1213	94	NM_204114.3	78.5 ²	NM_001242503.1	78	NM_010050.2
DIO3		772	99	NM_001122648.1	76	NM_001242503.1	69	NM_172119.2
SELH	C5H11orf31	178	97	NM_001277865.1	73	NM_170746.2	67	NM_001037279.1
EPT1	SELI	631	97	NM_001031528.2	72	NM_033505.2	72	NM_027652.2
SELK	LOC100544511	288	97	NM_001025441.2	74	NM_021237.3	71	NM_019979.2
SELM	LOC100546114	395	97	NM_001277859.1	77	NM_080430.2	75	NM_053267.2
SELO	LOC100539640	1470	96	NM_001115017.1	70	NM_031454.1	71	NM_027905.2
VIMP	SELS	132	96	NM_001024734.2	79	NM_203472.2	79	NM_024439.3
SELT	LOC100548711	281	99	NM_001006557.3	91	NM_016275.3	90	NM_001040396.2
SELU	FAM213A	690	96	NM_001193518.1	73	NM_032333.4	71	NM_027464.3
MSRB1	SEPX1	507 ³	92	NM_001135558.2		none ³		none ³
SEP15		483	97	NM_001012926.2	76	NM_004261.3	82	NM_053102.2
SEPN1		955	98	NM_001114972.1	80	NM_206926.1	78	NM_029100.2
SEPP1		1000	95	NM_001031609.2	79	NM_005410.2	74	NM_009155.3
SEPP2		329	95	XM_003641687.2		None ⁴		None ⁴
SEPW1		258	96	NM_001166327.1	67	NM_003009.2	67	NM_009156.2
TXNRD1		1027	97	NM_001030762.2	80	NM_003330.3	76	NM_001042523.1
TXNRD2		1354	95	NM_001122691.1	70	NM_006440.4	71	NM_013711.3
TXNRD3		503 ³	93	NM_001122777.1		none ³		none ³
SEPHS1		1179	98	NM_001164084.1	82	NM_012247.4	82	NM_175400.6

¹Sequence identity, using the turkey transcript coding sequence (CDS) from the present study, was determined using NCBI BLAST (<http://blast.ncbi.nlm.nih.gov/Blast.cgi>) against the *Gallus gallus* (taxid:9031), *Homo sapiens* (taxid:9606), and *Mus musculus* (taxid:10090) databases

²Non-integer values are the mean sequence identity for transcripts with multiple human variants

³For cloned transcripts that only contained 3'UTR sequences, identities were determined using the 3'UTR sequence only against the chicken database.

⁴SEPP2 gene/transcript not found in the human or mouse.