

**S2 Table. NCBI Reference Sequences and Nomenclature for Chicken Selenoprotein Transcripts and Turkey Selenoprotein Genes, page 1**

<u>Gene</u>	<u>Chicken Transcript No</u>	<u>Chicken Transcript Nomenclature</u>	<u>Turkey Gene No</u>	<u>Turkey Gene Nomenclature</u>
<b>GPX1</b>	NM_001277853.1	Gallus gallus glutathione peroxidase 1 (GPX1), mRNA	NC_015024.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 14, Turkey_5.0, whole genome shotgun sequence
<b>GPX2</b>	NM_001277854	Gallus gallus glutathione peroxidase 2 (gastrointestinal) (GPX2), mRNA	NC_015015.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 5, Turkey_5.0, whole genome shotgun sequence
<b>GPX3</b>	NM_001163232.2	Gallus gallus glutathione peroxidase 3 (GPX3), mRNA	NC_015025.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 15, Turkey_5.0, whole genome shotgun sequence
<b>GPX4</b>	XM_003642871.2	PREDICTED: Gallus gallus glutathione peroxidase 4 (GPX4), mRNA	NC_015040.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 30, Turkey_5.0, whole genome shotgun sequence
<b>DIO1</b>	NM_001097614.1	Gallus gallus deiodinase, iodothyronine, type I (DIO1), mRNA	NC_015020.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 10, Turkey_5.0, whole genome shotgun sequence
<b>DIO2</b>	NM_204114.3	Gallus gallus deiodinase, iodothyronine, type II (DIO2), mRNA	NC_015015.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 5, Turkey_5.0, whole genome shotgun sequence

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<b>DIO3</b>	NM_001122648.1	Gallus gallus deiodinase, iodothyronine, type III (DIO3), mRNA	NC_015015.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 5, Turkey_5.0, whole genome shotgun sequence
<b>SELH C5H11orf31</b>	NM_001277865.1	Gallus gallus selenoprotein H-like (LOC100858006), mRNA	NC_015015.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 5, Turkey_5.0, whole genome shotgun sequence
<b>EPT1 SELI</b>	NM_001031528.2	Gallus gallus ethanolaminephosphotransferase 1 (CDP-ethanolamine-specific) (EPT1), mRNA	NC_015012.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 2, Turkey_5.0, whole genome shotgun sequence
<b>SELK LOC100544511</b>	NM_001025441.2	Gallus gallus selenoprotein K (SELK), mRNA	NC_015024.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 14, Turkey_5.0, whole genome shotgun sequence
<b>SELM LOC100546114</b>	NM_001277859.1	Gallus gallus selenoprotein M (SELM), mRNA	NC_015027.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 17, Turkey_5.0, whole genome shotgun sequence
<b>SELO LOC100539640</b>	NM_001115017.1	Gallus gallus selenoprotein O (SELO), mRNA	NC_015011.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 1, Turkey_5.0, whole genome shotgun sequence

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<b>VIMP SELS</b>	NM_001024734.2	Gallus gallus VCP-interacting membrane protein (VIMP), mRNA	NC_015022.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 12, Turkey_5.0, whole genome shotgun sequence
<b>SELT LOC100548711</b>	NM_001006557.3	Gallus gallus selenoprotein T (SELT), mRNA	NC_015021.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 11, Turkey_5.0, whole genome shotgun sequence
<b>SELU FAM213A</b>	NM_001193518.1, l	Gallus gallus chromosome 6 open reading frame, human C10orf58 (C10ORF58), transcript variant 1, mRNA, Gallus gallus chromosome 6 open reading frame, human C10orf58 (C6H10orf58), transcript variant 2, mRNA	NC_015018.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 8, Turkey_5.0, whole genome shotgun sequence
<b>MSRB1 SEPX1</b>	NM_001135558.2	Gallus gallus methionine sulfoxide reductase B1 (MSRB1), mRNA	NC_015026.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 16, Turkey_5.0, whole genome shotgun sequence
<b>SEP15</b>	NM_001012926.2	Gallus gallus 15 kDa selenoprotein (SEP15), mRNA	NC_015020.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 10, Turkey_5.0, whole genome shotgun sequence
<b>SEPN1</b>	NM_001114972.1	Gallus gallus selenoprotein N, 1 (SEPN1), mRNA	NC_015035.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 25, Turkey_5.0, whole genome shotgun sequence

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<b>SEPP1</b>	NM_001031609.2	Gallus gallus selenoprotein P, plasma, 1 (SEPP1), mRNA	NC_015041.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome Z, Turkey_5.0, whole genome shotgun sequence
<b>SEPP2</b>			NC_015020.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 10, Turkey_5.0, whole genome shotgun sequence
<b>SEPW1</b>	NM_001166327.1	Gallus gallus selenoprotein W, 1 (SEPW1), mRNA		
<b>TXNRD1</b>	NM_001030762.2	Gallus gallus thioredoxin reductase 1 (TXNRD1), mRNA	NC_015011.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 1, Turkey_5.0, whole genome shotgun sequence
<b>TXNRD2</b>	NM_001122691.1	Gallus gallus thioredoxin reductase 2 (TXNRD2), nuclear gene encoding mitochondrial protein, mRNA	NC_015027.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 17, Turkey_5.0, whole genome shotgun sequence
<b>TXNRD3</b>	NM_001122777.1	Gallus gallus thioredoxin reductase 3 (TXNRD3), mRNA	NC_015024.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 14, Turkey_5.0, whole genome shotgun sequence
<b>SEPHS1</b>	NM_001164084.1	Gallus gallus selenophosphate synthetase 1 (SEPHS1), mRNA	NC_015011.2	Meleagris gallopavo isolate NT-WF06-2002-E0010 breed Aviagen turkey brand Nicholas breeding stock chromosome 1, Turkey_5.0, whole genome shotgun sequence