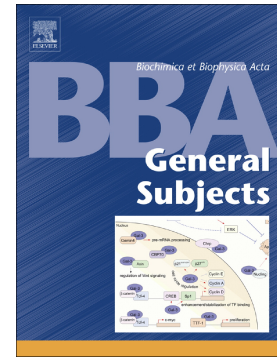


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Regulation and function of avian selenogenome

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Abbreviations:

DIO1, iodothyronine deiodinase 1;
DIO2, iodothyronine deiodinase 2;
DIO3, iodothyronine deiodinase 3;
GPX1, glutathione peroxidase 1;
GPX2, glutathione peroxidase 2;
GPX3, glutathione peroxidase 3;
GPX4, glutathione peroxidase 4;
GPX6, glutathione peroxidase 6;
MRSB1, methionine sulfoxide reductase B1;
SELENOF, selenoprotein F;
SELENOH, Selenoprotein H;
SELENOI, selenoprotein I;
SELENOK, selenoprotein K;
SELENOM, selenoprotein M;
SELENON, selenoprotein N;
SELENOO, selenoprotein O;
SELENO P1, selenoprotein P1;
SELENO P2, selenoprotein P2;
SELENOS, selenoprotein S;
SELENOT, selenoprotein T;
SELENOU, selenoprotein U;
SELENOV, selenoprotein V;
SELENOW, selenoprotein W;
SEPHS2, selenophosphate synthetase 2;
TXNRD1, thioredoxin reductase 1;
TXNRD2, thioredoxin reductase 2;
TXNRD3, thioredoxin reductase 3;
 COX2, cyclooxygenase 2; NF- κ B, nuclear factor- κ B; NMD, nutritional muscular dystrophy; NO, nitric oxide; NPA, nutritional pancreatic atrophy; SECIS, selenocysteine insertion sequence;

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