

LIST OF ABBREVIATIONS

ADAR	=	Adenosine deaminase acting on RNA
AFLP	=	Amplified fragment length polymorphism
Amh	=	Anti-Müllerian hormone
AO	=	Adult ovary
AT	=	Adult testis
Bp	=	base pair
C	=	Control group
<i>Cast</i>	=	calpastatin
CDS	=	Coding DNA sequence
cDNA	=	Complementary DNA
<i>crk</i>	=	CRK proto-oncogene, adaptor protein
<i>cs</i>	=	Citrate synthase
DArTseq	=	Diversity Arrays Technology sequencing
ddRAD	=	Double-digest restriction-site associated DNA sequencing
DEG	=	Differentially expressed gene
DNA	=	Deoxyribonucleic acid
DO	=	Dissolved oxygen
dph	=	Days post-hatching
E2	=	17 β -estradiol
ESD	=	Environmental sex determination
<i>ezh2</i>	=	Enhancer of zeste homolog 2
F	=	ES-treated female
FAO	=	Food and Agriculture Organization of the United Nations
FASTQ	=	Format for sequencing reads
FISH	=	Fluorescent in situ hybridization
FSH	=	Follicle-stimulating hormone
GATK	=	Genome Analysis Toolkit

LIST OF ABBREVIATIONS (Continued)

GBS	=	Genotyping-by-sequencing
gDNA	=	Genomic DNA
GSD	=	Genotypic sex determination
GSI	=	Gonadosomatic index
GWAS	=	Genome-wide association study
H&E	=	Hematoxylin and eosin
HRM	=	High-resolution melting
<i>ift172</i>	=	Intraflagellar transport protein 172
indel	=	Insertion/deletion polymorphism
JO	=	Juvenile ovary
JT	=	Juvenile testis
<i>kap3l</i>	=	Kinesin-associated protein 3-like
KASP	=	Kompetitive allele-specific PCR
LHRHa	=	Luteinizing hormone-releasing hormone analog
<i>man2a1</i>	=	mannosidase, alpha, class 2A, member 1
MO	=	Mature oocytes
MS-222	=	Tricaine methanesulfonate
MT	=	17 α -methyltestosterone
N	=	ES-treated neofemale
NGS	=	Next-generation sequencing
NTC	=	No-template control
OG	=	Oogonia
PACE	=	PCR Allele Competitive Extension
PCR	=	Polymerase chain reaction
PSC	=	Primary spermatocytes
PVO	=	Previtellogenic oocytes
RAD-seq	=	Restriction-site associated DNA sequencing
RAPD	=	Random amplified polymorphic DNA
RIN	=	RNA integrity number

LIST OF ABBREVIATIONS (Continued)

RNA-seq	=	RNA sequencing
RT-PCR	=	Reverse transcription polymerase chain reaction
S	=	Supermale group
SAM	=	Sequence alignment/map
SD	=	Sexual dimorphism
SG	=	Spermatogonia
SNP	=	Single nucleotide polymorphism
SSC	=	Secondary spermatocytes
SSR	=	Simple sequence repeats
ST	=	Spermatids
SUT	=	Suranaree University of Technology
T7EI	=	T7 endonuclease I
TCA	=	Tricarboxylic acid
T _m (°C)	=	Annealing temperature (°C)
TSD	=	Temperature-dependent sex determination
UTR	=	Untranslated region
WT	=	Wild type
XX	=	Female genotype
XY	=	Male genotype
YY	=	Supermale genotype
ZW	=	Female heterogametic sex chromosome system
ZZ	=	Male homogametic sex chromosome system
χ^2	=	Chi-square test