

ABBREVIATIONS

The following abbreviations may be used without definition in the *Journal of Animal Science*. Plural abbreviations should not have a final s. Refer to "Style and Form" for additional abbreviations (<http://jas.fass.org/misc/ifa.html>).

| | | | |
|---------|---|------------------|--|
| AA | amino acid(s) | IVDMD | in vitro dry matter disappearance |
| ACTH | adrenocorticotrophic hormone | KPH | kidney, pelvic, heart fat |
| ADF | acid detergent fiber | LD ₅₀ | lethal dose 50% |
| ADFI | average daily feed intake | LH | luteinizing hormone |
| ADG | average daily gain | LHRH | luteinizing hormone-releasing hormone |
| ADIN | acid detergent insoluble nitrogen | LM | longissimus muscle |
| ADL | acid detergent lignin | LSD | least significant difference |
| ADP | adenosine diphosphate | ME | metabolizable energy |
| AI | artificial insemination | MP | metabolizable protein |
| AIA | acid insoluble ash | mRNA | messenger ribonucleic acid |
| ANOVA | analysis of variance | MUFA | monounsaturated fatty acid(s) |
| ARS | Agricultural Research Service | n | number of samples |
| ATP | adenosine triphosphate | NAD | nicotinamide adenine dinucleotide |
| BCS | body condition score | NADH | reduced form of NAD |
| BLUE | best linear unbiased estimate | NDF | neutral detergent fiber |
| BLUP | best linear unbiased prediction | NDIN | neutral detergent insoluble nitrogen |
| bp | base pair | NE | net energy |
| BSA | bovine serum albumin | NE _g | net energy for gain |
| BTA | <i>Bos taurus</i> chromosome | NE _l | net energy for lactation |
| BW | body weight | NE _m | net energy for maintenance |
| cDNA | complementary deoxyribonucleic acid | NEFA | nonesterified fatty acid |
| C/EBP | CAAT-enhancer binding protein | NPN | nonprotein nitrogen |
| cfu | colony-forming unit | NRC | National Research Council |
| CIE | International Commission on Illumination (Commission Internationale d'Eclairage) | o.d. | outside diameter |
| CLA | conjugated linoleic acid | OM | organic matter |
| CoA | coenzyme A | PAGE | polyacrylamide gel electrophoresis |
| Co-EDTA | cobalt ethylenediaminetetraacetate | PBS | phosphate-buffered saline |
| CP | crude protein | PCR | polymerase chain reaction |
| CV | coefficient of variation | PG | prostaglandin |
| DE | digestible energy | PMSG | pregnant mare's serum gonadotropin |
| DEAE | (diethylamino)ethyl (as in DEAE-cellulose) | PPAR | peroxisome proliferator-activated receptor |
| df | degree of freedom | PSE | pale, soft, and exudative |
| DFD | dark, firm, and dry | PUFA | polyunsaturated fatty acid(s) |
| DM | dry matter | QTL | quantitative trait locus (loci) |
| DMI | dry matter intake | r | correlation coefficient |
| DNA | deoxyribonucleic acid | r ² | coefficient of determination |
| EBV | estimated breeding value(s) | R ² | multiple coefficient of determination |
| eCG | equine chorionic gonadotropin | RDP | ruminally degradable protein |
| EDTA | ethylenediaminetetraacetate | REML | restricted maximum likelihood |
| EFA | essential fatty acid(s) | RFLP | restriction fragment length polymorphism |
| EIA | enzymeimmunoassay | RIA | radioimmunoassay |
| ELISA | enzyme-linked immunosorbent assay | RNA | ribonucleic acid |
| EPD | expected progeny difference(s) | rRNA | ribosomal ribonucleic acid |
| Eq. | Equation(s) | RQ | respiratory quotient |
| Exp. | experiment (always followed by a numeral) | RUP | ruminally undegradable protein |
| FFA | free fatty acid(s) | SAS | Statistical Analysis System |
| FSH | follicle-stimulating hormone | SD | standard deviation |
| GE | gross energy | SDS | sodium dodecyl sulfate |
| G:F | gain-to-feed ratio | SE | standard error |
| GH | growth hormone | SED | standard error of the differences of the means |
| GLC | gas-liquid chromatography | SEM | standard error of the mean |
| GLM | general linear model | SFA | saturated fatty acid(s) |
| GnRH | gonadotropin-releasing hormone | SNP | single nucleotide polymorphism |
| hCG | human chorionic gonadotropin | SSC | <i>Sus scrofa</i> chromosome |
| HCW | hot carcass weight | ST | somatotropin |
| HEPES | <i>N</i> -(2-hydroxyethyl)piperazine- <i>N'</i> -2-ethanesulfonic acid | TDN | total digestible nutrients |
| HPLC | high-performance (pressure) liquid chromatography | TLC | thin layer chromatography |
| i.d. | inside diameter | Tris | tris(hydroxymethyl)aminomethane |
| Ig | immunoglobulin (when used to identify a specific immunoglobulin) | tRNA | transfer ribonucleic acid |
| IGF | insulin-like growth factor | TSAA | total sulfur amino acids |
| IGFBP | insulin-like growth factor-binding proteins | USDA | United States Department of Agriculture |
| IL | interleukin | UV | ultraviolet |
| | | VFA | volatile fatty acid(s) |