

## DAFTAR PUSTAKA

- Abustam, E dan H. M. Ali. 2012. Peningkatan sifat fungsional daging sapi bali (Longissimus dorsi) melalui asap cair pascamerta dan waktu rigor. Seminar Nasional "Peningkatan Produksi dan Kualitas Daging Sapi Bali Nasional" 14 September 2012. Pusat kajian sapi bali. Universitas Udayana.
- Aggrey, S.E., A.B. Karnuah., B. Sebastian and N.B. Anthony. 2010. Genetic properties of feed efficiency parameters in meat-type chickens. *Genetic Selection Evolution*. Vol (42):25.
- Agrawal, N. 2003. RNA Interference: Biology, Mechanism, and Applications. *Microbiology and Molecular Biology Reviews*. Volume 67(4): 657- 685.
- Agustina. 2013. Potensi Ayam Buras Indonesia. Graha Ilmu, Yogyakarta.
- Alende, M., P.A. Lancaster., M.L. Spangler., A.J. Pordomingo and J.G. Andrae. 2016. Residual feed intake in cattle: physiological basis. A review elconsumo residual enbovinos: base fisiologica.Revision bibliografica. *Revista Argentina de Produccion Animal*. Vol 36(2):49–56.
- Allendorf, FW., G. Luikart and S.N. Aitken. 2013. Conservation and the Genetic of Populations. Chicester (UK): *Wiley-Blackwell Publishing*.
- Alnahhas, N., C. Berri., M. Boulay., E. Baeza., Y. Jego., Y. Baumard., M. Chabault and E.L.B. Duval. 2014. Selecting broiler chickens for ultimate pH of breast muscle: analysis of divergent selection experiment and phenotypic consequences on meat quality, growth, and body composition traits. *J. Anim. Sci*. Vol (92):3816–3824.
- Al-Soud, W. A and P. Radstrom. 2001. Purification and characterization of PCR inhibitory components in bloods cell. *J. Clin. Microbiol*. Vol 39:485-493
- Alvarado, C dan S. McKee. 2007. Marination to improve functional properties and safety of poultry meat. *Journal Appl Poultry Res*. Vol (16):113-120.
- Amills, S., N. Jimenez., D. Villalba., M. Tor., E. Molina., D. Cubilo., C. Macos., A Francesch., A. Sanchez and J. Estany. 2003. Identification of Three Single Nucleotide Polymorphism in the Chicken Insulin-Like Growth Factor 1 and 2 Genes and Their Association with Growth and Feeding Traits. *Poult Sci*. Vol 82:1485-1493.
- Anadon, H.L.S. 2002. Biological, nutritional and processing factors affecting breast meat quality of broilers dissertation. Faculty of Virginia Polytechnic. Institute and State University (US). Blacksburg, Virginia.
- Anggereini, E. 2008. Random Amplified Polymorphic DNA (RAPD), Suatu Metode Analisis DNA dalam Menjelaskan Berbagai Fenomena Biologi. *Biospecies*. Volume 1(2): 73-76.

- Arief, A.D. 2000. Evaluasi ransum yang menggunakan kombinasi pollard dan duckweed terhadap persentase berat karkas, bulu, organ dalam, lemak abdominal, panjang usus dan sekum ayam kampung. Fakultas Peternakan. Institut Pertanian Bogor, Bogor.
- Arthur, J. P. F., and R. M. Herd. 2008. Residual feed intake in beef cattle. *Revista Brasileira de Zootecnia*, 37(SPECIALISSUE) Volume 1 : 269–279.
- Ashifudin, M., E. Kurnianto dan Sutopo. 2017. Karakteristik morfometrik ayam kedu jengger merah dan jengger hitam generasi pertama di satker ayam maron temanggung. *Jurnal Ilmu Ternak*. Vol 17(1):40-46.
- Assan, N. 2013. Bioprediction of body weight and carcass parameters from morphometric measurements in livestock and poultry. *Scientific Journal Volume 2*: 140-150.
- Association Official Analytical Chemistry (AOAC). 2005. Official Method of Analysis. 18<sup>th</sup> Ed. Maryland (US): AOAC International, Washington D.C.
- Balai Pengkajian Teknologi Pertanian (BPTP). 2011. Performans ayam Kalosi di Sulawesi Selatan. Dinas Peternakan Sulawesi Selatan.
- Baldwin, K. M., F. Haddad., C. E. Pandorf., R. R. Roy and V. R. Edgerton. 2013. Alterations in muscle mass and contractile phenotype in response to unloading models: role of transcriptional/ pretranslational mechanisms. *Front Physiol*. Vol 4:282.
- Baron, E. E., A. A. Wenceslau., L. E. Alvares., K. Nones., D. C. Ruy., G. S. Schmidt., E. L. Zanella., L. L. Coutinho and M. C. Ledur. 2002. High level of polymorphism in the *myostatin* chicken gene. Hal. 19-23 in Proc. 7<sup>th</sup> World Congr. *Genet. Appl. Livest. Prod.* Montpellier, France.
- Beauclercq, S., C. H. Antier., C. Praud., E. Godet., A. Collin., S. Tesseraud., S.M. Coustard., M. Bourin., M. Moroldo., F. Martins., S. Lagarrigue., E.L.B. Duvall and C. Berri. 2017. Muscle transcriptome analysis reveals molecular pathways and biomarkers involved in extreme ultimate pH and meat defect occurrence in chicken. *Sci. Rep.* Vol 7:6447.
- Beccavin, C., B. Chevalier., L. A. Cogburn., J. Simon and M. J. Duclos. 2001. Insulin-like growth factors and body growth in chickens divergently selected for high or low growth rate. *J Endocrinol*. Vol 168:297-306.
- Begli, H.E., R.V. Torshizi., A.A. Masoudi., A. Ehsani and J. Jensen. 2016. Longitudinal analysis of body weight, feed intake and residual feed intake in F2 chickens. *Livest. Sci.* Vol (184):28– 34.
- Berri, C., M. Debut., V.S. Lhoutellier., C. Arnould., B. Boutten., N. Sellier., E. Baeza., N. Jehl., Y. Jego., M.J. Duclos and E.L.B. Duval. 2005. Variations in chicken breast meat quality: implications of struggle and muscle glycogen content at death. *British Poult. Sci.* Vol 46(5):572–579.

- Bhattacharya, T.K., and R. N. Chatterjee. 2013. Polymorphism of the myostatin gene and its association with growth traits in chicken. *Poult Sci.* Vol 92 : 910–915.
- Bhattacharya, T. K., R. N. Chatterjee., K. Dushyanth and R. Shukla. 2015. Cloning, characterization and expression of *myostatin* (growth differentiating factor- 8) gene in broiler and layer chicken (*Gallus gallus*). *Mol Biol Rep.* Vol 42(2):319-327.
- Botstein, D. R., L. White., M. Skolnik and W. Davis. 1980. Construction of a genetic linkage map in man using restriction fragment length polymorphisms. *Am J Hum Genet.* Vol 32:314.
- Bourdon, R. M. 2000. Understanding Animal Breeding. 2<sup>nd</sup> Edition. Prentice Hall Inc. Upper Saddle River, New Jersey. USA.
- Brameld, J. M and T. Parr. 2016. Improving efficiency in meat production. *Proc Nutr Soc.* Vol 75(3):242-246.
- Brown, T. A. 2010. Gene cloning and DNA analysis. Blackwell Publishing, Oxford. Halaman: 95-99.
- Burks, T. N., and R. D. Cohn. 2011. Role of TGF- $\beta$  signaling in inherited and acquired myopathies. *Skelet Muscle.* Vol 1:19.
- Charles, V.L., Wihandoyo, Zuprizal and S. Harimurti. 2017. Study of nutrient requirement of native chicken fed by free choice feeding system at a grower phase. Proceedings the 7th seminar on tropical animal production.P. 350-356.
- Chen, Y., P. F. Arthur., R. M. Herd., K. Quinn., and I. M. Barchia. 2012. Using genes differentially expressed in bulls to classify steers divergently selected for high and low residual feed intake. *Animal Production Science.* Volume 52(7), 608–612.
- Çiftci, H.B. 2013. Estrogen and growth hormone and their roles in reproductive function. *Int J Anim Vet Adv.* Vol 5(1): 21-28.
- Crawford, R. D. 1990. Poultry Breeding dan Genetics. *Elsevier Science Publishers*, Amsterdam.
- Despal, D. A., D. M. Astuti., D. Suci., I. G. Evvyerni., N. E. Permana., R. Sigit., Mutia., T. Sumiati., Tohormat dan W. Hermana. 2007. Pengantar Ilmu Nutrisi. Dept. Ilmu Nutrisi dan Teknologi Pakan IPB, Bogor.
- Drop, S. L., A. G. Schuller., D. J. L. Kortleve., C. Groffen., A. Brinkman and E.C. Zwarthoff. 1992. Structural aspects of the IGFBP family. *Growth Regul.* Vol 2:69–79.
- Ekiz, B., A. Yilmaz., M. Ozcan., C. Kaptan., H. Hanoglu. 2009. Carcass measurements and meat quality of Turkish Merino, Ramlic, Kivircik, Chios and Imroz raised under an intensive production system. *Meat Sci.* Volume 82:64–70.

- El-Magd, M.A., A. Ayman., Saleh., M. Tamer., Abdel-Hamid., M. Rasha., Saleh and A. A. Mohammed. 2016. Is really endogenous ghrelin a hunger signal in chickens. Association of GHSR SNPs with increase appetite, growth traits, expression and serum level of GHRL, and GH. *Gen Comp Endocr.* Vol 237:131–139.
- Ensminger, M.A. 1992. Poultry Science (Animal Agriculture Series). 3<sup>th</sup> Edition. *Interstate Publisher, Inc.* Danville, Illinois.
- Fang, M., Q. Nie., C. Luo., D. Zhang and X. Zhang. 2010. Associations of GHSR gene polymorphisms with chicken growth and carcass traits. *Mol Biol Rep.* Vol 37:423-428.
- Ferguson, A. 1980. Biochemical Systematics and Evolution Lecturer in Zoology. *The Queens University of Belfast.* London.
- Furqon, A., A. Gunawan., N. Ulupi., T. Suryati., C. Sumantri. 2018. A Polymorphism of Insulin-Like Growth Factor Binding Protein 2 Gene Associated with Growth and Body Composition Traits in Kampong Chickens. *Jurnal Veteriner.* pISSN: 1411-8327; eISSN: 2477-5665.
- Genxi, Z., D. Guojun., W. Jinyu., W. Yue., D. Fuxiang., L. Zhang., Z. Xiuhua., X. Kaizhou and W. Wenhao. 2012. Polymorphisms in 5'-upstream region of the *myostatin* gene. in four chicken breeds and its relationship with growth traits in the Bian chicken. *Afr J Biotech.* Vol 11(40):9677-9682.
- Gillespie, J. H. 1998. Population Genetics, A Concise Guide. The Johns Hopkins University Press. London.
- Gunawan, A., K. Kaewmala., M. J. Uddin., M. U. Cinar., D. Tesfaye., C. Phatsara., E. Tholen., C. Looft and K. Schellander. 2011. Association study and expression analysis of porcine ESR1 as a candidate gene for boar fertility and sperm quality. *Anim Repro Sci.* Vol 128:11-21.
- Gunawan, A., F. W. Pramukti., K. Listyarini., M.A.M. Abuzahra., Jakaria., C. Sumantri., I. Inounu and M.J. Uddin. 2019. Novel variant in the leptin receptor (LEPR) gene and its association with fat quality, odour, and flavour in sheep. *JITAA.* Vol 44(1):1-9.
- Gunsett, F.C. 1984. Linear index selection to improve traits defined as ratios. *J. Anim.Sci.* Vol 59(5):1185–1193.
- Hardjosubroto, W. 2001. Genetika Hewan. Universitas Gadjah Mada Press, Yogyakarta. Hartl, D. L and A. G. Clark. 1997. Principle of Population Genetik. *Sinauer Associates.* Sunderland. MA.
- Herd, R. M., and P. F. Arthur. 2009. Physiological basis for residual feed intake. *Journal of animal science.* Volume 87 (14) : 64–71.
- Herren, R. 2020. The Science of Animal Agriculture. 2<sup>nd</sup>ed. Delmar, New York.

- Hidayati, E., T. Saleh., Aulawi. 2016. Identifikasi Keragaman Gen BMPR-1B (Bone Morphogenetic Protein Receptor IB) pada Ayam Arab Ayam Kampung dan Ayam Ras Petelur Menggunakan PCR-RLFP. *Jurnal Peternakan*. Volume 13(1):1-12.
- Hoeflich, A., M. Wu., S. Mohan., J. Foll., R. Wanke., T. Froehlich., G. J. Arnold., H. Lahm., H.J. Kolb and E. Wolf. 1999. Overexpression of insulin-like growth factorbinding protein-2 in transgenic mice reduces postnatal BW gain. *J Endocrinol*. Vol 140:5488–5496.
- Hoffman, D. 2003. Medical Herbalism The Science and Practive at Herbal Medicini. Amerika Serikat: *Acts Press*. Hal 90-100.
- Hummairah, R., Hamdan dan A.H. Daulay. 2016. Identifikasi morfometriks dan jarak genetik ayam kampung (Domesticated chicken) di Kabupaten Batubara. *Jurnal Peternakan Integratif*. Vol 3(3):329-343.
- Izadnia, H.R., M. Tahmoorespur., M.R. Bakhtiarizadeh., M. Nassiri and S. Esmaeilkhani. 2019. Gene expression profile analysis of residual feed intake for Isfahan native chickens using RNA-SEQ data. *Italian Journal of Animal Science*. Vol 18(1):246–260.
- Jin, S., C. Sirui., L. Huifeng., L. Yue., X. Guiyun and Y. Ning. 2014. Associations of polymorphisms in GHRL, GHSR, and IGF1R genes with feed efficiency in chickens. *Mol Biol Rep*. Vol 41:6.
- Johari, S., Sutopo dan A. Santi. 2009. Frekuensi fenotipik sifat-sifat kualitatif Ayam Kedu dewasa. Seminar Nasional Kebangkitan Peternakan. *Prosiding Semarang*, 20 Mei 2009. Hal 606-616.
- Kaczor, U., K. Poltowicz., M. Kucharski., A. M. Sitarz., J. Nowak., D. Wojtysiak and D. A. Zieba. 2017. Effect of ghrelin and leptin receptors genes polymorphisms on production results and physicochemical characteristics of *M. pectoralis superficialis* in broiler chickens. *Anim Prod Sci*. Vol 57:42–50.
- Khaeruddinsyah. 2018. Fenotipe Ayam Kampung Di Kecamatan Alas, Alas Barat, dan Utan Kabupaten Sumbawa. Publikasi Ilmiah. Progam Studi Peternakan Program Studi Peternakan Fakultas Peternakan Universitas Mataram, Mataram.
- Khaerunnisa, I., Jakaria., I. I. Arief., Budiman and C. Sumantri C. 2017. The ghrelin receptor (GHSR) gene polymorphism in Indonesian local chicken and crossbreed is associated with carcass traits. *Anim Prod*. Vol 19(2):71-80.
- Khansefid, M., C.A. Millen., Y. Chen., J.E. Pryce., A.J. Chamberlain., C. Vander Jagt., M.E. Goddard. 2017. Gene expression analysis of blood, liver, and muscle in cattle divergently selected for high and low residual feed intake. *Journal of Animal Science*. Volume 95(11): 4764–4775.
- Khoa, D.V.A., N.T.K. Khang., N.T. Ngu., J. Matey., H.T.P. Loan and N.T.D. Thuy. 2013. Single nucleotide polymorphisms in GH, GHR, GHSR and Insulin

- candidate genes in chicken breeds of Vietnam. *Greener J.* Vol 3(10):716-724.
- Kim, J. W. 2010. The endocrine regulation of chicken growth. *Asian-Aust. J Anim Sci.* Vol 23(12):1668–1676.
- Koch, R. M., L. A. Swiger., Doyle Chambers., K. E. Gregory. 1962. Efficiency of Feed Use in Beef Cattle. *Journal of Animal Science.* Volume 22(2): 486–494.
- Koolmeers, P. A., F. Korteknie and F. J. M. Smulders. 1986. Accuracy and utility of sarcomere length assessment by laser diffraction. *Food Microstr.* Vol (5):71-76.
- Kopchick, J. J. 2016. Lessons learned from studies with the growth hormone receptor. *Growth Horm IGF. Res.* Vol 28:21-25.
- Kuhn, E. R., L. Vleurick., M. Edery., E. Decuyper and V. M. Darras. 2002. Internalization of the chicken growth hormone receptor complex and its effect on biological function. *Comp Biochem Physiol B.* Vol 132:299-308.
- Kumar, S.T.B., N. Dilbaghi., S.P.S. Ahlawat., B. Mishra., M.S. Tantia and R.K. Vijh. 2007. Genetic relationship among chicken populations of India based on SNP markers of myostatin gene (GDF 8). *Intl J Poult Sci.* Vol 6(9):684-688.
- Lawrie, R. A. 2003. Ilmu Daging. Edisi kelima. Universitas Indonesia Press, Jakarta.
- Lee, S. J. 2010. Extracellular regulation of *myostatin*: a molecular rheostat for muscle mass. *Immunol Endocr Metab Agents Med Chem.* Vol (10):183–194.
- Lee, J., and S. E. Aggrey. 2016. Transcriptomic differences of genes in the avian target of rapamycin (avTOR) pathway in a divergent line of meat-type chickens selected for feed efficiency. *Genet Mol Res.* Vol 15(2):15.
- Lei, M. M., Y. B. Tang., M. Zhou., X. B. Shao., X. Peng and X. Q. Zhang. 2006. Analysis on genetik diversities of IGFIR gene in chicken. *Guangdong Agric Sci.* Vol 11:132-137.
- Li, H., N. Deeb., H. Zhou., A. D. Mitchell., C. M. Ashwell and S. J. Lamont. 2003. Chicken quantitative trait loci for growth and body composition associated with transforming growth factor- $\beta$  genes. *Poult Sci.* Vol 82:347–356.
- List, E.O., D. E. Berryman., K. Funk., E. S. Gosney., A. Jara., B. Kelder., X. Wang., L. Kutz., K. Troike., N. Lozier., V. Mikula., E. R. Lubbers., H. Zhang., C. Vesel., R. K. Junnila., S. J. Frank., M. M. Masternak., A. Bartke and J. J. Kopchick. 2013. The role of GH in adipose tissue: lessons from adipose-specific GH receptor gene-disrupted mice. *Mol Endocrinol.* Vol 27:524–535.

- Liu, R., J. Liu., G. Zhao., W. Li., M. Zheng., J. Wang., Q. Li., H. Cui and J. Wen. 2019. Relevance of the intestinal health related pathways to broiler residual feed intake revealed by duodenal transcriptome profiling. *Poult Sci.* Vol 98(3):1102-1110.
- Mansjoer, S. S. 1985. Pengkajian Sifat-Sifat Produksi Ayam Kampung beserta Persilangannya dengan Rhode Island Red. Disertasi. Fakultas Pascasarjana Institut Pertanian Bogor.
- Masayasu, K and K. Kenji. 2005. Ghrelin: Structure and function. American Psychological Society. Vol. 85(2):495-522.
- Matitaputty, P.R., R.R Noor., P.S Hardjosworo and C.H Wijaya. 2011. Performa, persentase karkas dan nilai heterosis itik albio, cihateup dan hasil persilangannya pada umur delapan minggu. *JITV.* Vol (16):90-98.
- Metzler-Zebeli, B.U., E. Magowan., M. Hollmann., M.E.E. Ball., A. Molnar., P.G. Lawlor., R.J. Hawken., N. E. O'Connell and Q. Zebeli. 2017. Assessing serum metabolite profiles as predictors for feed efficiency in broiler chickens reared at geographically distant locations. *British. Poult. Sci.* Vol (58):729-738.
- Moore, S. S., F. D. Mujibi and E. L. Sherman. 2009. Molecular basis for residual feed intake in beef cattle. *Journal of animal science.* Volume 87(14): 41-47.
- Mott, I and R. Ivarie. 2002. Expression of myostatin is not altered in lines of poultry exhibiting myofiber hyper and hypoplasia. *Poult Sci.* Vol 81:799-804.
- Mufti, R. 2003. Studi ukuran dan bentuk tubuh ayam Kampung, ayam Pelung dan persilangannya. *Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan.* Vol 6(3):113-120.
- Muladno. 2002. Seputar Teknologi Rekayasa Genetik. Pustaka Wira Usaha Muda, Bogor.
- Muladno. 2010. Teknologi Rekayasa Genetika. Ed ke-2. Bogor (ID) : IPB Pres.
- Nataamijaya, A. G. 2000. The Native of Chicken of Indonesia. Balitbang Pertanian. Departemen Pertanian. Buletin Plasma Nutfah 6 (1). Fakultas Peternakan Institut Pertanian Bogor, Bogor.
- Nataamijaya, A. G. 2010. Pengembangan potensi ayam lokal untuk menunjang peningkatan kesejahteraan petani. *Jurnal Litbang Pertanian.* Vol 29(4):131-138.
- Nascimento, M. L., A. R. Souza., A. S. Chaves., A. S. Cesar., R. R. Tullio., S. R. Medeiros., G. B. Mourao., A. N. Rosa., G. L. Feijo., M. M. Alencar and D. P. Lanna. 2016. Feed efficiency indexes and their relationships with carcass, noncarcass and meat quality traits in Nellore steers. *Meat sci.* Vol (116):78-85.

- N'dri, A. L., S. Mignon-Grasteau., N. Sellier., M. Tixier-Boichard and C. Beaumont. 2006. Genetic relationships between feed conversion ratio, growth curve and body composition in slow-growing chickens. *Brit. Poult. Sci.* Vol 47(3):273–280.
- Nei and Kumar. 2000. *Molecular Evolution and Phylogenetics*. New York : Oxford University Press.
- Niarami, M.D., A.A. Masoudi., R.V. Torshizi. 2014. Association of single nucleotide polymorphism of GHSR and TGFB2 genes with growth and body composition traits in sire and dam lines of a broiler chicken. *Anim Biotechnol.* Vol 25(1):13-22.
- Nie, Q., M. Fang., L. Xie., X. Peng., H. Xu., C. Luo., C. Zhang and X. Zhang. 2009. Molecular characterization of the ghrelin and ghrelin receptor genes and effects on fat deposition in chicken and duck. *JBB.* Vol 2009:1-12.
- Nishida, T., K. Nozawa, Y. Hayashi, T. Hashiguchi and S.S. Mansjoer. 1982. Body measurement and analysis of external genetic characters of Indonesian native fowl. The origin and Phylogeny of Indonesian Native Livestock. The Research Group of Overseas Scientific Survei. Page: 73-83.
- Noor, R.R. 2004. *Ilmu Genetika Ternak Cetakan ketiga*. Penebar Swadaya, Jakarta.
- Noor, R. R. 2010. *Genetika Ternak*. Penebar Swadaya., Jakarta.
- North, M.O. and D.D. Bell. 1990. *Commercial Chicken Production Manual*. 4<sup>Th</sup> Edition. Van Nostrand. Reinhold, New York.
- Oke, U.K., U. Herbert., E.N. Nwachukwu. 2004. Association between body weight and some egg production traits in the guinea fowl (*Numida meleagris galeata Pallas*). Owerri (NU): College of Animal Science and Health Michael Okpara University of Agriculture.
- Osawal, K., K. Miyazakil., I. Shimura., J. Okuda., M. Matsumoto and T. Ooshima. 2009. Identification of cariostatic substances in the cacao bean husk: their antiglucosyltransferase and antibacterial activities. *Dent. Res.* Vol 80(11):2000-2004.
- Ouyang, J.H., L. Xie., Q. Nie., C. Luo., Y. Liang., H. Zeng and X. Zhang. 2008. Single nucleotide polymorphism (SNP) at the GHR gene and its associations with chicken growth and fat deposition traits. *Br Poult Sci.* 49(2):87-95.
- Palumbi, S. R. 1986. *Nucleic acid II: polymerase chain reaction*. In: D.M. Hillis, C. Moritz dan B.K. Mable (Editor). *Molecular Systematics*. 2<sup>nd</sup> Edition. *Sinauer Associates. Inc.*, Massachusetts USA.



- Perdew, G.H., P.V.H. John and M.P. Jeffrey. 2006. Regulation of Gene Expression: Molecular Mechanisms. New Jersey (USA): *Humana Pr.Inc.*
- Potts, S. B., J.P. Boerman., A. L. Lock., M. S. Allen and M.J. VandeHaar. 2015. Residual feed intake is repeatable for lactating Holstein dairy cows fed high and low starch diets. *Journal of Dairy Science*. Volume 98(7): 4735–4747.
- Provost, P. 2002. Ribonuclease Activity and RNA binding of recombinant human DicerII. *The EMBO Journal*. Volume 21(21): 5864-5874.
- Rajab dan Papilaya BJ. 2012. Sifat kuantitatif ayam kampung lokal pada pemeliharaan tradisional. *Jurnal Ilmu Ternak dan Tanaman*. Vol 2(2):61–64.
- Rangkuti, N.A., Hamdan dan A.H. Daulay. 2016. Identifikasi morfometriks dan jarak genetik ayam Kampung di Labuhanbatu Selatan. *Jurnal Peternakan Integratif*. Vol 3(1):96-119.
- Rasyaf, M. 2004. *Beternak Ayam Pedaging*. Penebar Swadaya. Jakarta.
- Richards, M.P., S.M. Poch., C.N.Coon., R.W. Rosebrough., C.M. Ashwell and J.P. McMurtry. 2003. Feed restriction significantly alters lipogenic gene expression in broiler breeder chickens. *J. Nutr.* Vol (133):707–715.
- Richardson, E. C and R. M. B Herd. 2004. Biological basis for variation in residual feed intake in beef cattle and Synthesis of results following divergent selection Cooperative Research Centre for Cattle and Beef Quality *Australian Journal of Experimental Agriculture*. Volume 44 : 431–440.
- Rodriguez, J., B. Vernus., I. Chelh., I. Cassar-Malek., J.C. Gabillard., A. H. Sassi., I. Seilliez., B. Picard and A. Bonnieu. 2014. *Myostatin* and the skeletal muscle atrophy and hypertrophy signaling pathways. *Cell Mol Life Sci*. Vol 71(22):4361-71.
- Rusdin, M., L.O. Nafiu., T. Saili dan A.S. Aku. 2011. Karakteristik fenotipe sifat kualitatif ayam tolaki diKabupaten Konawe Sulawesi Tenggara. *Agriplus*. Vol 21(3):248-256.
- Sainz, R. D and P.V. Paulino. 2004. Residual Feed Inake. *Sierra Foothill Research and Extension Center*. Volume 1(4).
- Salleh, M. S., G. Mazzoni., J.K. Hoglund., D. W. Olijhoek., P. Lund., P. Lovendahl, and H. N. Kadarmideen. 2017. *RNA-Seq transcriptomics and pathway analyses reveal potential regulatory genes and molecular mechanisms in high- and low-residual feed intake in Nordic dairy cattle*. Volume 1(18).
- Sambrook, J., E.F. Fritsch and T. Maniatis. 1989. *Molecular Cloning. A Laboratory Manual*. 2nd ed. *Cold Spring Harbour Lab. Press*. New York.

- Sams A.R. 2001. *Poultry Meat Processing: slaughter through chilling*. Pages 19–34 in *Poultry Meat Processing*. A. R. Sams, ed. CRC Pr, Washington DC (US). CRC Press. Washington.
- Sari., H. Hafid dan A.M. Tasse. 2016. Kajian Produksi Karkas Dan Non Karkas Ayam Kampung Dengan Pemberian Ransum Komersial Tersubstitusi Tepung Kulit Biji Kedelai. *JITRO*. Vol 3.
- Sartika, T. 2013. Perbandingan Morfometrik Ukuran Tubuh Ayam KUB dan Sentul melalui Pendekatan Analisis Diskriman. Seminar Nasional Teknologi Peternakan dan Veteriner. Pp.561-570.
- Sartika, T., S. Iskandar dan B. Tiesnamurti. 2016. Sumberdaya Genetik Ayam Lokal Indonesia dan Prospek Pengembangannya. IAARD Press, Jakarta.
- Scanes, C. G. 2003. *Biology of Growth of Domestic Animals*. 1<sup>st</sup>Ed. IOWA States Press, IOWA.
- Scheuermann, S.S., S. F. Bilgili., S. Tuzun and D. R. Mulvaney. 2004. Comparison of chicken genotypes: myofiber number in pectoralis muscle and *myostatin* ontogeny. *Poult Sci*. Vol 83:1404–1412.
- Sedek, M., L. M. Van der Velden and G. J. Strous. 2014. Multimeric growth hormone receptor complexes serve as signaling platforms. *J Biol Chem*. Vol 289:65–73.
- Sharma, M., C. McFarlane., R. Kambadur., H. Kukreti., S. Bonala and S. Srinivasan. 2015. *Myostatin*: expanding horizons. *IUBMB Life*. 67(8):589-600.
- Shi, M., J. Zhu., R. Wang., X. Chen., L. Mi., T. Walz and T. A. Springer. 2011. Latent TGF- $\beta$  structure and activation. *Nature*. Vol 474(7351):343.
- Shin, S., Y. Song., J. Ahn., E. Kim., P. Chen., S. Yang., Y. Suh and K. Lee. 2015. A novel mechanism of *myostatin* regulation by its alternative splicing variant during myogenesis in avian species. *Am J Physiol Cell Physiol*. Vol (309):C650–C659.
- Siegel, P.B. 2014. Evolution of the modern broiler and feed efficiency. *Annu. Rev. Anim. Biosci*. Vol (2):375–385.
- Silha, J.V and L.J. Murphy. 2005. Insulin-like growth factor binding proteins in development. *Adv Ex Med Biol*. Vol 567:55-89.
- Simoës, J.A., M.I. Mendes and J.P.C. Lemos. 2005. Selection of muscles as indicators of tenderness after seven days of ageing. *Meat Sci*. Vol (69):617–620.
- Soeparno. 1992. Ilmu dan Teknologi Daging. Gadjah Madha University Press, Yogyakarta.

- Soeparno. 2005. *Ilmu dan Teknologi Daging*. Cetakan Ke-4. Yogyakarta (ID): Gadjah Mada University Press.
- Soeparno. 2011. *Ilmu Nutrisi dan Gizi Daging*. Gadjah Mada University Press, Yogyakarta.
- Suartiningsih, N.P.M., G.A.M.K. Dewi., I.M.Nuriyasa., I.W. Wijaya., I.K.A. Wiyana and M. Wirapartha. 2017. Produksi Karkas Ayam Kampung yang Diberi Ransum Kulit Buah Naga Terfermentasi. Seminar Nasional VI HITPI. Jambi.
- Sunari, Rukmiasih, Hardjosworo PS. 2001. Persentase bagian pangan dan non pangan itik Mandalung pada berbagai umur. Pros Lokakarya Unggas Air. Pengembangan Agribisnis Unggas Air sebagai Peluang Usaha Baru. Ciawi, 6-7 Agustus 2001. Ciawi: Balitnak. Hal:202-207.
- Sulandari, S., M. S. A. Zein., S. Payanti., T. Sartika., M. Astuti., T. Widyastuti., E.Sujana., S. Darana., I. Setiawan and D. Garnida. 2007. Keanekaragaman Sumber Daya Hayati Ayam Lokal Indonesia: Manfaat dan Potensi. Pusat Penelitian Biologi. Lembaga Pengetahuan Ilmu Indonesia, Bogor.
- Suparyanto, A., H. Martojo, P.S. Hardjosworo dan L. H. Prasetyo. 2004. Kurva pertumbuhan morfologi itik betina hasil silang antara Peking dengan Mojosari putih. *Jurnal Ilmu Ternak dan Veteriner*. Vol 9(2):87-97.
- Syakir, A. 2018. Identifikasi Karakteristik Sifat Kualitatif Ayam Gaga Di Kabupaten Sidrap Sulawesi Selatan. Skripsi. Universitas Hasanudin.
- Tambasco, N., F. Lalli., A. Rossi and G. Guercini. 2000. Activation of cortical motor areas in Parkinson's disease: a functional magnetic resonance study. *Riv Neuroradiol*. Vol 13:105-109.
- Tang, S., D. Sun., J. Ou., Y. Zhang and G. Xu. 2010. Evaluation of the IGFs (IGF1 and IGF2) genes as candidates for growth, body measurement, carcass, and reproduction traits in Beijing and silkie chickens. *Animal Biotech*. Vol 21:2.
- Thenawijaya, M. 1994. *Dasar-dasar Biokimia*. Penerbit Erlangga vol.3:123-233.
- Tryanty, N.O., S. Fathan dan F. Datau. 2022. Pertumbuhan Ayam Kampung Super Yang Diberi Pakan Mengandung Tepung Kunyit. *Gorontalo Journal of Equatorial Animals*. Vol 1 No 1 Januari 2022.
- Tschop, M., D. L. Smiley and M. L. Heiman. 2000. Ghrelin induces adiposity in rodents. *Nature*. Vol 407:908-913.
- Untari, E. K., Ismoyowati dan Sukardi. 2013. Perbedaan karakteristik tubuh Ayam Kedu yang dipelihara kelompok tani ternak "Makukuhan Mandiri" di Temanggung. Vol 13(2):135-145.

- Van den Eijnden, M. J and G. J. Strous. 2007. Autocrine growth hormone: effects on growth hormone receptor trafficking and signaling. *Mol Endocrinol.* Vol 21:2832– 2846.
- Van-Laack, R.L.J.M., C.H. Liu., M.O. Smith and H.D. Loveday. 2000. Characteristics of pale, soft, exudative broiler breast meat. *Poultry Science.* Vol (79):1057–1061.
- Viljoen, G. J., L. H. Nel and J. R. Crowther. 2005. Molecular Diagnosis PCR Handbook. Netherlands (NL): *Springer*.
- Walpole, R., R. Myers., S. Myers and K. Ye. 2011, Probability and Statistics For Engineers And Scientists, ninth edition, Prentice Hall: Boston.
- Weir, B.S. 1996. Genetik Data Analysis II: Method for Discrete Population Genetic Data. 2<sup>nd</sup> ed. *Sinauer Associates.* Sunderland.
- Wen, C., W. Yan., J. Zheng., C. Ji., D. Zhang., C. Sun and N. Yang. 2018. Feed efficiency measures and their relationships with production and meat quality traits in slower growing broilers. *Poult Sci.* Vol (97):2356.
- Winarso, D. 2003. Perubahan Karakteristik Fisik Akibat Perbedaan Umur, Macam Otot, Waktu dan Temperatur Perebusan pada Daging Ayam Kampung. Sekolah Tinggi Penyuluhan Pertanian Magelang. Hal 119.
- Woelfel, R.L and A. R. Sams. 2001. Marination performance of broiler breast meat. *Poult. Sci.* Vol 80(10):1519-22.
- Xiong, Y. L. 2000. Meat Processing. Wiley – VCH, Inc, New York.
- Xu, Z., C. Ji., Y. Zhang., Z. Zhang., Q. Nie and J. Xu. 2016. Combination analysis of genome-wide association and transcriptome sequencing of residual feed intake in quality chickens. *BMC Genomics.* Vol (17):594.
- Yang, L., J. Zhuang., K. Rao., X. Li and R. Zhao. 2010. Effect of early feed restriction on hepatic lipid metabolism and expression of lipogenic genes in broiler chickens. *Res. Vet. Sci.* Vol (89):438–444.
- Yang, L., X. Wang., T. He., F. Xiong., X. Chen., S. Jin and Z. Geng. 2020. Association of residual feed intake with growth performance, carcass traits, meat quality, and blood variables in native chickens. *Journal of Animal Science.* Vol. 98(7):1–11.
- Yanti H, Hidayati, Elfawati. 2008. Kualitas daging dengan kemasan plastik pe (polyethylen) dan plastik pp (polypropylen) di pasar arengka kota pekanbaru. *J. Peternakan.* Volume 5 (1): 22-27.
- Ye, X., S. R. Brown., K. Nones., L. L. Coutinho., J. C. Dekkers and S. J. Lamont. 2007. Associations of *myostatin* gene polymorphisms with performance and mortality traits in broiler chickens. *Genet Sel Evol.* Vol 39:73-89.

- Yin, Y., Y. Li and W. Zhang. 2014. The growth hormone secretagogue receptor: its intracellular signaling and regulation. *Int J Mol Sci.* Vol 15:4837-4855.
- Yuan, J., T. Dou., M. Ma., G. Yi., S. Chen., L. Qu., M. Shen., L. Qu., K. Wang and N. Yang. 2015. Genetic parameters of feed efficiency traits in laying period of chickens. *Poult. Sci.* Vol (94):1470–1475.
- Yusuf, Z.K. 2010. Polymerase Chain Reaction (PCR). Saintek,5(6)
- Yuwono, T. 2009. Biologi Molekular, Laboratorium Mikrobiologi Fakultas Pertanian Universitas Gadjah Mada. Halaman 209-215, Jakarta, Erlangga.
- Zerehdaran, S., A.L. Vereijken., J.A.V. Arendonk and E.H.V.D. Waaijt. 2004. Estimation of genetic parameters for fat deposition and carcass traits in broilers. *Poult. Sci.* Vol (83):521–525.
- Zhang, W and S.E. Aggrey. 2003. Genetic variation in feed utilization efficiency of meat-type chickens. *Worlds Poult. Sci. J.* Vol (59):328–339.
- Zhang, G., X. H. Zhao., J. Y. Wang., F. X. Ding and L. Zhang. 2012. Effect of an ekson 1 mutation in the *myostatin* gene on the growth traits of the Bian chicken. *Anim Genet.* Vol 43:458-459.
- Zhiliang, G., Z. Dahai., L. Ning., L. Hui., D. Xuemei and W. Changxin. 2004. The singlenucleotide polymorphisms of the chicken *myostatin* gene are associated with skeletal muscle and adipose growth. *Sci China C Life Sci.* Vol 47:25-30.
- Zhou, M., Z. Ma and W. S. Sly. 1995. Cloning and expression of the cDNA of chicken cation independent mannose-6-phosphate receptor. *Proc Natl Acad Sci.* Vol 92:9762-9766.
- Zhou, H., A. D. Mitchel., J. P. McMurtry., C. M. Ashwell and S. J. Lamont. 2005. Insulin-like growth factor 1 gene polymorphism associations with growth. Body composition skeleton integrity and metabolic traits in chickens. *Poult Sci.* Vol 84:212-219.
- Zuidhof, M.J., B.L. Schneider., V.L. Carney., D.R. Korver and F.E. Robinson. 2014. Growth, efficiency, and yield of commercial broilers from 1957, 1978, and 2005. *Poult. Sci.* Vol (93):2970–2982.
- Zulkaesih, Elly dan R. Budirakhman. 2005. Pengaruh substitusi pakan komersial dengan dedak padi terhadap persentase karkas ayam kampung jantan. *Ziraa`ah Majalah Pertanian.* Fakultas Pertanian Universitas Islam Kalimantan, Banjarmasin. 14 (3): 100-104.

# LAMPIRAN

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
BB_Awal	Equal variances assumed	.704	.405	.612	61	.543	3.58485	5.85602	-8.12499	15.29469
	Equal variances not assumed			.608	57.432	.546	3.58485	5.89972	-8.22722	15.39691

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
BB_Akhir	Equal variances assumed	.03	.862	-1.000	61	.321	-32.36364	32.37713	-97.10570	32.37843
	Equal variances not assumed			-1.002	60.829	.320	-32.36364	32.30857	-96.97230	32.24503

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
AFI	Equal variances assumed	.071	.790	-7.822	61	.000	-7.62988	.97548	-9.58047	-5.67929
	Equal variances not assumed			-7.818	60.312	.000	-7.62988	.97595	-9.58185	-5.67790

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
FCR	Equal variances assumed	8.757	.004	-4.382	61	.000	-.33482	.07642	-.48762	-.18201
	Equal variances not assumed			-4.469	55.366	.000	-.33482	.07492	-.48494	-.18469



**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
ADG	Equal variances assumed	.614	.436	-1.207	61	.232	-.76436	.63323	-2.03058	.50186
	Equal variances not assumed			-1.215	60.917	.229	-.76436	.62916	-2.02249	.49376

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
BMW	Equal variances assumed	.145	.704	-.808	61	.422	-2.18515	2.70399	-7.59211	3.22180
	Equal variances not assumed			-.807	59.912	.423	-2.18515	2.70895	-7.60403	3.23373

		Independent Samples Test								
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
RFI_Data	Equal variances assumed	.037	.847	-11.014	61	.000	-7.57358	.68760	-8.94853	-6.19862
	Equal variances not assumed			-11.085	60.924	.000	-7.57358	.68324	-8.93984	-6.20731

		Independent Samples Test								
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Lebar_Dada	Equal variances assumed	.941	.336	-.266	61	.791	-.01909	.07189	-.16285	.12467
	Equal variances not assumed			-.264	58.823	.792	-.01909	.07223	-.16362	.12544

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Lingkar_Dada	Equal variances assumed	.880	.352	-1.401	61	.166	-.29424	.21008	-.71432	.12583
	Equal variances not assumed			-1.409	60.952	.164	-.29424	.20882	-.71180	.12332

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_Dada	Equal variances assumed	1.946	.168	-1.539	61	.129	-.19364	.12584	-.44527	.05799
	Equal variances not assumed			-1.529	58.092	.132	-.19364	.12662	-.44708	.05981

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2- tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_Sayap	Equal variances assumed	.096	.758	-.162	61	.872	-.02970	.18287	-.39536	.33597
	Equal variances not assumed			-.163	60.777	.871	-.02970	.18255	-.39475	.33535

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2- tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_Paha_ Atas	Equal variances assumed	2.784	.100	-.659	61	.512	-.04697	.07124	-.18942	.09548
	Equal variances not assumed			-.651	53.642	.518	-.04697	.07220	-.19175	.09781

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_Paha _Bawah	Equal variances assumed	3.648	.061	-.916	61	.363	-.10333	.11286	-.32901	.12234
	Equal variances not assumed			-.907	56.146	.368	-.10333	.11395	-.33160	.12493

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Lingkar_ Shank	Equal variances assumed	.039	.844	-1.246	61	.218	-.06121	.04913	-.15945	.03703
	Equal variances not assumed			-1.249	60.885	.216	-.06121	.04900	-.15921	.03678

**independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Lingkar	Equal variances _Leher assumed	.575	.451	-.423	61	.674	-.03879	.09178	-.22230	.14473
	Equal variances not assumed			-.420	58.540	.676	-.03879	.09226	-.22343	.14585

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_	Equal variances Shank assumed	2.855	.096	-1.120	61	.267	-.10030	.08954	-.27936	.07875
	Equal variances not assumed			-1.102	51.347	.276	-.10030	.09104	-.28305	.08244

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_Leher	Equal variances assumed	2.121	.150	-.102	61	.919	-.01515	.14844	-.31198	.28168
	Equal variances not assumed			-.100	51.454	.920	-.01515	.15090	-.31804	.28774

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_Jari_	Equal variances assumed	.535	.467	-1.476	61	.145	-.09333	.06323	-.21976	.03310
Ketiga	Equal variances not assumed			-1.470	59.121	.147	-.09333	.06348	-.22035	.03368

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_	Equal variances assumed	4.019	.049	.883	61	.381	.14606	.16538	-.18464	.47676
Punggung	Equal variances not assumed			.864	47.576	.392	.14606	.16897	-.19376	.48588

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Tinggi_	Equal variances assumed	.272	.604	.231	61	.818	.01576	.06810	-.12042	.15194
Jengger	Equal variances not assumed			.230	57.411	.819	.01576	.06861	-.12162	.15313



## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_Paruh	Equal variances assumed	.001	.981	.155	61	.878	.00424	.02744	-.05063	.05912
	Equal variances not assumed			.155	60.675	.878	.00424	.02741	-.05058	.05906

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Jumlah_Gerigi	Equal variances assumed	.002	.963	-1.018	61	.313	-.17576	.17271	-.52112	.16960
	Equal variances not assumed			-1.024	60.960	.310	-.17576	.17170	-.51909	.16758

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Jarak_Tulang_Pubis	Equal variances assumed	.260	.612	-1.965	61	.054	-.09121	.04641	-.18402	.00159
	Equal variances not assumed			-1.948	56.678	.056	-.09121	.04682	-.18498	.00256

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Bobot_Akhir	Equal variances assumed	.030	.862	-1.000	61	.321	-32.36364	32.37713	-97.10570	32.37843
	Equal variances not assumed			-1.002	60.829	.320	-32.36364	32.30857	-96.97230	32.24503

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Karkas	Equal variances assumed	1.675	.201	-.196	61	.845	-.11642	.59444	-1.30508	1.07223
	Equal variances not assumed			-.193	54.494	.847	-.11642	.60173	-1.32258	1.08973

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Dada	Equal variances assumed	2.331	.132	1.230	61	.223	.56118	.45618	-.35101	1.47337
	Equal variances not assumed			1.211	52.050	.231	.56118	.46337	-.36862	1.49098

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Punggung	Equal variances assumed	.006	.941	.258	61	.797	.12536	.48522	-.84490	1.09563
	Equal variances not assumed			.258	60.427	.797	.12536	.48523	-.84511	1.09583

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Sayap	Equal variances assumed	2.105	.152	-.598	61	.552	-.29185	.48773	-1.26713	.68343
	Equal variances not assumed			-.573	31.818	.571	-.29185	.50944	-1.32978	.74608

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2- tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_ Paha_Atas	Equal variances assumed	.252	.618	-.896	61	.374	-.30045	.33543	-.97120	.37029
	Equal variances not assumed			-.890	58.059	.377	-.30045	.33754	-.97609	.37519

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Paha_ Bawah	Equal variances assumed	1.502	.225	-.395	61	.694	-.09455	.23944	-.57333	.38424
	Equal variances not assumed			-.387	49.302	.700	-.09455	.24409	-.58500	.39591

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Non_Karkas	Equal variances assumed	1.675	.201	.196	61	.845	.11642	.59444	-1.07223	1.30508
	Equal variances not assumed			.193	54.494	.847	.11642	.60173	-1.08973	1.32258

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Kepala	Equal variances assumed	.758	.387	.286	61	.776	.10785	.37736	-.64672	.86242
	Equal variances not assumed			.283	55.760	.778	.10785	.38125	-.65595	.87165

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Persentase_ Leher	Equal variances assumed	.128	.722	.717	61	.476	.35985	.50192	-.64381	1.36351
	Equal variances not assumed			.720	60.998	.474	.35985	.49945	-.63887	1.35857

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Persentase_ Ceker	Equal variances assumed	.209	.650	-.342	61	.734	-.13403	.39199	-.91786	.64980
	Equal variances not assumed			-.340	58.407	.735	-.13403	.39417	-.92293	.65487

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_J eroan	Equal variances assumed	.795	.376	-1.185	61	.241	-.72485	.61157	-1.94775	.49806
	Equal variances not assumed			-1.191	61.000	.238	-.72485	.60864	-1.94190	.49221

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_ Bulu	Equal variances assumed	.634	.429	.334	61	.739	.39591	1.18406	-1.97176	2.76358
	Equal variances not assumed			.332	57.154	.741	.39591	1.19349	-1.99388	2.78570



## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Daging _Dada	Equal variances assumed	1.224	.273	.340	61	.735	.31879	.93781	-1.55649	2.19406
	Equal variances not assumed			.336	55.186	.738	.31879	.94833	-1.58157	2.21914

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_ Daging	Equal variances assumed	.794	.376	.041	61	.968	.02655	.65319	-1.27959	1.33268
	Equal variances not assumed			.040	51.703	.968	.02655	.66380	-1.30564	1.35874

		Independent Samples Test								
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Persentase_Daging _Paha_Bawah	Equal variances assumed	1.613	.209	.531	61	.598	.55085	1.03783	-1.52441	2.62611
	Equal variances not assumed			.534	60.891	.595	.55085	1.03089	-1.51062	2.61232

		Independent Samples Test								
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Persentase_Tulang	Equal variances assumed	.753	.389	.289	61	.774	.13897	.48168	-.82422	1.10216
	Equal variances not assumed			.285	55.472	.776	.13897	.48687	-.83656	1.11450

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Tulang_	Equal variances assumed	1.224	.273	-.340	61	.735	-.31879	.93781	-2.19406	1.55649
Dada	Equal variances not assumed			-.336	55.186	.738	-.31879	.94833	-2.21914	1.58157

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Tulang_	Equal variances assumed	2.166	.146	1.301	61	.198	1.86321	1.43266	-1.00157	4.72799
_Paha_Atas	Equal variances not assumed			1.280	51.688	.206	1.86321	1.45595	-1.05878	4.78521

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Tulang	Equal variances assumed	1.613	.209	-.531	61	.598	-.55085	1.03783	-2.62611	1.52441
Dagi	Equal variances not assumed			-.534	60.891	.595	-.55085	1.03089	-2.61232	1.51062
	assumed									

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Diameter_Serat	Equal variances assumed	.254	.616	.550	61	.585	.76603	1.39358	-2.02061	3.55267
	Equal variances not assumed			.551	60.924	.583	.76603	1.38944	-2.01240	3.54446

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Panjang_Sarkomer	Equal variances assumed	.911	.344	1.572	61	.121	.07464	.04749	-.02033	.16960
	Equal variances not assumed			1.579	60.999	.120	.07464	.04728	-.01990	.16917

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
pH	Equal variances assumed	.011	.918	.611	61	.543	.02906	.04752	-.06597	.12409
	Equal variances not assumed			.612	60.447	.543	.02906	.04752	-.06598	.12410

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Susut_Masak	Equal variances assumed	6.856	.011	1.002	61	.320	1.64394	1.64008	-1.63560	4.92348
	Equal variances not assumed			.992	55.801	.325	1.64394	1.65689	-1.67547	4.96335

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
DPD	Equal variances assumed	3.910	.053	.720	61	.474	.02439	.03389	-.04338	.09217
	Equal variances not assumed			.726	60.425	.470	.02439	.03358	-.04276	.09155

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Keempukan	Equal variances assumed	.228	.634	1.210	61	.231	.03733	.03085	-.02435	.09902
	Equal variances not assumed			1.209	60.242	.231	.03733	.03087	-.02441	.09908

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
DIA	Equal variances assumed	.048	.827	.353	61	.725	1.48270	4.20249	-6.92070	9.88610
	Equal variances not assumed			.352	60.114	.726	1.48270	4.20748	-6.93320	9.89859

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Warna_L	Equal variances assumed	.024	.877	.045	61	.964	.18033	3.96776	-7.75369	8.11435
	Equal variances not assumed			.045	60.373	.964	.18033	3.96872	-7.75728	8.11795

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Warna_a	Equal variances assumed	15.360	.000	-.934	61	.354	-.66300	.70954	-2.08181	.75581
	Equal variances not assumed			-.962	47.801	.341	-.66300	.68906	-2.04861	.72261



## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Warna_b	Equal variances assumed	.606	.439	1.838	61	.071	1.57945	.85912	-.13846	3.29737
	Equal variances not assumed			1.844	60.913	.070	1.57945	.85666	-.13360	3.29251

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Persentase_ Jeroan	Equal variances assumed	.795	.376	-1.185	61	.241	-.72485	.61157	-1.94775	.49806
	Equal variances not assumed			-1.191	61.000	.238	-.72485	.60864	-1.94190	.49221

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Hati	Equal variances assumed	.037	.847	.649	61	.519	.44473	.68516	-.92534	1.81480
	Equal variances not assumed			.648	59.845	.520	.44473	.68656	-.92867	1.81813

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Empedu	Equal variances assumed	1.137	.290	-1.672	61	.100	-.26579	.15899	-.58371	.05213
	Equal variances not assumed			-1.712	52.483	.093	-.26579	.15528	-.57730	.04573

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Persentase_Jantung	Equal variances assumed	.086	.771	2.522	61	.014	.54176	.21481	.11222	.97129
	Equal variances not assumed			2.542	60.734	.014	.54176	.21313	.11554	.96798

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Persentase_Limfa	Equal variances assumed	6.271	.015	1.400	61	.167	.55952	.39961	-.23956	1.35859
	Equal variances not assumed			1.365	44.317	.179	.55952	.41001	-.26664	1.38567

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Tembolok	Equal variances assumed	.190	.664	.324	61	.747	.10597	.32709	-.54809	.76003
	Equal variances not assumed			.322	58.659	.748	.10597	.32873	-.55190	.76384

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Pan kreas	Equal variances assumed	1.797	.185	-1.543	61	.128	-.16473	.10679	-.37826	.04881
	Equal variances not assumed			-1.582	50.950	.120	-.16473	.10409	-.37371	.04425

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Proventi	Equal variances assumed	2.368	.129	.169	61	.867	.04173	.24751	-.45320	.53666
	Equal variances not assumed			.165	49.330	.869	.04173	.25232	-.46524	.54869

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Giz zard	Equal variances assumed	.005	.945	-.018	61	.986	-.02048	1.14370	-2.30746	2.26649
	Equal variances not assumed			-.018	60.997	.986	-.02048	1.13796	-2.29599	2.25502

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_	Equal variances assumed	.233	.631	-.864	61	.391	-.36682	.42461	-1.21589	.48225
Dedenum	Equal variances not assumed			-.873	59.962	.386	-.36682	.41999	-1.20694	.47330

## Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_J	Equal variances assumed	.766	.385	-2.143	61	.036	-1.18706	.55393	-2.29472	-.07940
ejenum	Equal variances not assumed			-2.157	60.909	.035	-1.18706	.55033	-2.28755	-.08657

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Ilium	Equal variances assumed	.173	.679	.419	61	.677	.20003	.47776	-.75532	1.15538
	Equal variances not assumed			.422	60.857	.675	.20003	.47444	-.74871	1.14877

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Caecum	Equal variances assumed	.487	.488	-.652	61	.517	-.31058	.47659	-1.26358	.64243
	Equal variances not assumed			-.654	60.916	.516	-.31058	.47521	-1.26085	.63970

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Persentase_Usus _Besar	Equal variances assumed	3.337	.073	1.961	61	.054	.42364	.21602	-.00832	.85559
	Equal variances not assumed			1.888	35.261	.067	.42364	.22441	-.03182	.87909



## \* POPULATION GENETIC ANALYSIS GHRS \*

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=====
Genotypes  Obs. (O)  Exp. (E)  (O-E)2/E  2*O*Ln(O/E)
=====
```

```
(A, A)      59  59.0244   0.0000  -0.0488
(B, A)       3   2.9512   0.0008   0.0984
(B, B)       0   0.0244   0.0244   0.0000
=====
```

Chi-square test for Hardy-Weinberg equilibrium :

Chi-square : 0.025207

Degree of freedom : 1

Probability : 0.873853

Likelihood ratio test for Hardy-Weinberg equilibrium :

G-square : 0.049592

Degree of freedom : 1

Probability : 0.823774

```
=====
Allele \ Locus  AA
=====
```

Allele A 0.9758

Allele B 0.0242

```
=====
Locus  Sample Size  na*  ne*  I*
=====
```

AA 124 2.0000 1.0496 0.1139

Mean 124 2.0000 1.0496 0.1139

St. Dev 0.0000 0.0000 0.0000

=====  
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Locus	Sample Size	Obs_Hom	Obs_Het	Exp_Hom*	Exp_Het*	Nei**	Ave_Het
-------	-------------	---------	---------	----------	----------	-------	---------

=====  
 ==

AA	124	0.9516	0.0484	0.9524	0.0476	0.0472	0.0472
Mean	124	0.9516	0.0484	0.9524	0.0476	0.0472	0.0472
St. Dev		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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 =====

Allele \ Locus	AA
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 =====

Allele A	-0.0248
Allele B	-0.0248
Total	-0.0248

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 =====

=====  
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Locus	n	k	Obs. F	Min F	Max F	Mean*	SE*	L95*	U95*
-------	---	---	--------	-------	-------	-------	-----	------	------

=====  
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AA	124	2	0.9528	0.5000	0.9840	0.8197	0.0273	0.5021	0.9840
----	-----	---	--------	--------	--------	--------	--------	--------	--------

\*            POPULATION GENETIC ANALYSIS GHR'5            \*

Genotypes	Obs. (O)	Exp. (E)	(O-E) <sup>2</sup> /E	2*O*Ln(O/E)
(A, A)	49	49.6341	0.0081	-1.2602
(B, A)	13	11.7317	0.1371	2.6690
(B, B)	0	0.6341	0.6341	0.0000

Chi-square test for Hardy-Weinberg equilibrium :

Chi-square :            0.779361

Degree of freedom :    1

Probability :            0.377337

Likelihood ratio test for Hardy-Weinberg equilibrium :

G-square :            1.408852

Degree of freedom :    1

Probability :            0.235247

Allele \ Locus    AA

Allele A            0.8952

Allele B            0.1048

Locus	Sample Size	na*	ne*	I*
AA	124	2.0000	1.2311	0.3356
Mean	124	2.0000	1.2311	0.3356
St. Dev		0.0000	0.0000	0.0000

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=====
==
Locus   Smple Size  Obs_Hom  Obs_Het  Exp_Hom*  Exp_Het*  Nei**   Ave_Het
=====
== AA      124  0.7903  0.2097  0.8108  0.1892  0.1877  0.1877
Mean      124  0.7903  0.2097  0.8108  0.1892  0.1877  0.1877
St. Dev           0.0000  0.0000  0.0000  0.0000  0.0000  0.0000
=====
==* Expected
=====
Allele \ Locus    AA
=====
Allele A          -0.1171
Allele B          -0.1171
Total             -0.1171
=====
=====
==Locus  n    k  Obs. F  Min F  Max F  Mean*  SE*  L95*  U95*
=====
==AA    124  2   0.8123  0.5000  0.9840  0.8229  0.0264  0.5033  0.9840
=====
==

```

\*            POPULATION GENETIC ANALYSIS IGF2            \*

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=====
Genotypes  Obs. (O)  Exp. (E)  (O-E)2/E  2*O*Ln(O/E)
=====
(A, A)      22  28.3415   1.4189 -11.1445
(B, A)      31  21.1707   4.5636  23.6448
(B, B)       0   3.7805   3.7805   0.0000
(C, A)       9   6.1463   1.3249   6.8646
(C, B)       0   2.2683   2.2683   0.0000
(C, C)       0   0.2927   0.2927   0.0000
=====

```

Chi-square test for Hardy-Weinberg equilibrium :

Chi-square :            13.648881

Degree of freedom :    3

Probability :            0.003424

Likelihood ratio test for Hardy-Weinberg equilibrium :

G-square :            19.364934

Degree of freedom :    3

Probability :            0.000230

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=====
Allele \ Locus  AB
=====

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Allele A            0.6774

Allele B            0.2500

Allele C            0.0726

```

=====
Locus  Sample Size  na*  ne*  I*
=====

```

```

=====
AB      124  3.0000  1.8987  0.8008

Mean    124  3.0000  1.8987  0.8008
St. Dev      0.0000  0.0000  0.0000
=====
Locus  Sample Size  Obs_Hom  Obs_Het  Exp_Hom*  Exp_Het*  Nei**  Ave_Het
=====
== AB      124  0.3548  0.6452  0.5228  0.4772  0.4733  0.4733
Mean      124  0.3548  0.6452  0.5228  0.4772  0.4733  0.4733
St. Dev      0.0000  0.0000  0.0000  0.0000  0.0000  0.0000
=====
==

=====
Allele \ Locus    AB
=====
Allele A      -0.4762
Allele B      -0.3333
Allele C      -0.0783
Total          -0.3630
=====

=====
Locus  n    k  Obs. F  Min F  Max F  Mean*  SE*  L95*  U95*
=====
==AB   124  3   0.5267  0.3333  0.9683  0.6765  0.0324  0.3776  0.9681

```

\* POPULATION GENETIC ANALYSIS MSTN \*

=====

Allele \ Locus AA

=====

Allele A 1.0000

=====

=====

Locus Sample Size na\* ne\* I\*

=====

AA 124 1.0000 1.0000 0.0000

Mean 124 1.0000 1.0000 0.0000

St. Dev 0.0000 0.0000 0.0000

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=====

==

Locus Sample Size Obs\_Hom Obs\_Het Exp\_Hom\* Exp\_Het\* Nei\*\* Ave\_Het

=====

== AA 124 1.0000 0.0000 1.0000 0.0000 0.0000 0.0000

Mean 124 1.0000 0.0000 1.0000 0.0000 0.0000 0.0000

St. Dev 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

=====

==\* Expected

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Allele \ Locus AA

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Locus n k Obs. F Min F Max F Mean\* SE\* L95\* U95\*

AA 124 1 1.0000 1.0000 1.0000 \*\*\*\* \*\*

\*\*\*\*\*

**General Linear Model: BB Awal versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	39.8	39.8	39.8	0.07	0.787
Error	61	33034.4	33034.4	541.5		
Total	62	33074.2				

**General Linear Model: BB Akhir versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	8285	8285	8285	0.50	0.483
Error	61	1013024	1013024	16607		
Total	62	1021309				

**General Linear Model: ADFI versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	16.72	16.72	16.72	0.56	0.456
Error	61	1809.70	1809.70	29.67		
Total	62	1826.42				

**General Linear Model: FCR versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.2962	0.2962	0.2962	2.56	0.115
Error	61	7.0574	7.0574	0.1157		
Total	62	7.3536				

**General Linear Model: ADG versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	3.249	3.249	3.249	0.51	0.479
Error	61	390.357	390.357	6.399		
Total	62	393.605				

**General Linear Model: MBW versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	55.4	55.4	55.4	0.48	0.491
Error	61	7028.2	7028.2	115.2		



**General Linear Model: RFI versus GHSR**

Factor	Type	Levels	Values				
GHSR	fixed	2	CT, TT				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
GHSR	1	29.30	29.30	29.30	1.35	0.250	
Error	61	1325.38	1325.38	21.73			
Total	62	1354.68					

**General Linear Model: BB Awal versus GHR**

Factor	Type	Levels	Values				
GHR	fixed	2	AA, AG				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
GHR	1	3668.7	3668.7	3668.7	7.61	0.008	
Error	61	29405.5	29405.5	482.1			
Total	62	33074.2					

**General Linear Model: BB Akhir versus GHR**

Factor	Type	Levels	Values				
GHR	fixed	2	AA, AG				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
GHR	1	149602	149602	149602	10.47	0.002	
Error	61	871707	871707	14290			
Total	62	1021309					

**General Linear Model: ADFI versus GHR**

Factor	Type	Levels	Values				
GHR	fixed	2	AA, AG				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
GHR	1	62.43	62.43	62.43	2.16	0.147	
Error	61	1763.99	1763.99	28.92			
Total	62	1826.42					

**General Linear Model: FCR versus GHR**

Factor	Type	Levels	Values				
GHR	fixed	2	AA, AG				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
GHR	1	0.4187	0.4187	0.4187	3.68	0.060	
Error	61	6.9349	6.9349	0.1137			
Total	62	7.3536					

**General Linear Model: ADG versus GHR**

Factor	Type	Levels	Values				
GHR	fixed	2	AA, AG				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
GHR	1	48.174	48.174	48.174	8.51	0.005	
Error	61	345.432	345.432	5.663			
Total	62	393.605					

**General Linear Model: MBW versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	1165.2	1165.2	1165.2	12.01	0.001
Error	61	5918.5	5918.5	97.0		
Total	62	7083.7				

**General Linear Model: RFI versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.00	0.00	0.00	0.00	0.992
Error	61	1354.68	1354.68	22.21		
Total	62	1354.68				

**General Linear Model: BB Awal versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	8972.0	8972.0	4486.0	11.17	0.000
Error	60	24102.2	24102.2	401.7		
Total	62	33074.2				

**General Linear Model: BB Akhir versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	139045	139045	69523	4.73	0.012
Error	60	882263	882263	14704		
Total	62	1021309				

**General Linear Model: ADFI versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	173.94	173.94	86.97	3.16	0.050
Error	60	1652.48	1652.48	27.54		
Total	62	1826.42				

**General Linear Model: FCR versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.9175	0.9175	0.4587	4.28	0.018
Error	60	6.4361	6.4361	0.1073		
Total	62	7.3536				

**General Linear Model: ADG versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	53.068	53.068	26.534	4.68	0.013
Error	60	340.537	340.537	5.676		
Total	62	393.605				

**General Linear Model: MBW versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	1050.2	1050.2	525.1	5.22	0.008
Error	60	6033.5	6033.5	100.6		
Total	62	7083.7				

**General Linear Model: RFI versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	19.19	19.19	9.59	0.43	0.652
Error	60	1335.49	1335.49	22.26		
Total	62	1354.68				

**General Linear Model: Lebar Dada versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.10392	0.10392	0.10392	1.35	0.250
Error	61	4.70605	4.70605	0.07715		
Total	62	4.80997				

**General Linear Model: Lingkar Dada versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.2050	0.2050	0.2050	0.29	0.594
Error	61	43.5929	43.5929	0.7146		
Total	62	43.7979				

**General Linear Model: Panjang Dada versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.1769	0.1769	0.1769	0.68	0.414
Error	61	15.9162	15.9162	0.2609		
Total	62	16.0930				

**General Linear Model: Panjang Sayap versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.0457	0.0457	0.0457	0.09	0.768
Error	61	31.7828	31.7828	0.5210		
Total	62	31.8285				

**General Linear Model: P. Paha Atas versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.05987	0.05987	0.05987	0.76	0.388
Error	61	4.83039	4.83039	0.07919		
Total	62	4.89027				

**General Linear Model: P. Paha Bawah versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.4742	0.4742	0.4742	2.42	0.125
Error	61	11.9718	11.9718	0.1963		
Total	62	12.4459				

**General Linear Model: Lingkar Shank versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.00128	0.00128	0.00128	0.03	0.855
Error	61	2.33884	2.33884	0.03834		
Total	62	2.34012				

**General Linear Model: Panjang Shank versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.0263	0.0263	0.0263	0.21	0.645
Error	61	7.5044	7.5044	0.1230		
Total	62	7.5307				

**General Linear Model: P. Jari Ketiga versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.06408	0.06408	0.06408	0.99	0.325
Error	61	3.96483	3.96483	0.06500		
Total	62	4.02891				

**General Linear Model: Lingkar Leher versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.0071	0.0071	0.0071	0.05	0.819
Error	61	8.2533	8.2533	0.1353		
Total	62	8.2604				

**General Linear Model: Panjang Leher versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.5006	0.5006	0.5006	1.48	0.228
Error	61	20.5879	20.5879	0.3375		
Total	62	21.0885				

**General Linear Model: Panjang Punggung versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.0607	0.0607	0.0607	0.14	0.713
Error	61	27.0497	27.0497	0.4434		
Total	62	27.1104				

**General Linear Model: Tinggi Jengger versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.00037	0.00037	0.00037	0.01	0.943
Error	61	4.46604	4.46604	0.07321		
Total	62	4.46641				

**General Linear Model: Panjang Paruh versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.01103	0.01103	0.01103	1.08	0.304
Error	61	0.62564	0.62564	0.01026		
Total	62	0.63668				

**General Linear Model: J. Gerigi Jengger versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	3.2508	3.2508	3.2508	10.23	0.002
Error	61	19.3932	19.3932	0.3179		
Total	62	22.6440				

**General Linear Model: Jarak Tul Pubis versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.14896	0.14896	0.14896	4.62	0.036
Error	61	1.96850	1.96850	0.03227		
Total	62	2.11746				

**General Linear Model: Lebar Dada versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.14988	0.14988	0.14988	1.96	0.166
Error	61	4.66009	4.66009	0.07639		
Total	62	4.80997				

**General Linear Model: Lingkar Dada versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	2.2668	2.2668	2.2668	3.33	0.073
Error	61	41.5311	41.5311	0.6808		
Total	62	43.7979				

**General Linear Model: Panjang Dada versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.2512	0.2512	0.2512	0.97	0.329
Error	61	15.8418	15.8418	0.2597		
Total	62	16.0930				

**General Linear Model: Panjang Sayap versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.5545	0.5545	0.5545	1.08	0.302
Error	61	31.2740	31.2740	0.5127		
Total	62	31.8285				

**General Linear Model: P. Paha Atas versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.06323	0.06323	0.06323	0.80	0.375
Error	61	4.82704	4.82704	0.07913		
Total	62	4.89027				

**General Linear Model: P. Paha Bawah versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.5403	0.5403	0.5403	2.77	0.101
Error	61	11.9057	11.9057	0.1952		
Total	62	12.4459				

**General Linear Model: Lingkar Shank versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.36568	0.36568	0.36568	11.30	0.001
Error	61	1.97444	1.97444	0.03237		
Total	62	2.34012				

**General Linear Model: Panjang Shank versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.5751	0.5751	0.5751	5.04	0.028
Error	61	6.9556	6.9556	0.1140		
Total	62	7.5307				

**General Linear Model: P. Jari Ketiga versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.24427	0.24427	0.24427	3.94	0.052
Error	61	3.78464	3.78464	0.06204		
Total	62	4.02891				

**General Linear Model: Lingkar Leher versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	1.4136	1.4136	1.4136	12.59	0.001
Error	61	6.8468	6.8468	0.1122		
Total	62	8.2604				

**General Linear Model: Panjang Leher versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.8798	0.8798	0.8798	2.66	0.108
Error	61	20.2086	20.2086	0.3313		
Total	62	21.0885				

**General Linear Model: Panjang Punggung versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	5.1573	5.1573	5.1573	14.33	0.000
Error	61	21.9530	21.9530	0.3599		
Total	62	27.1104				

**General Linear Model: Tinggi Jengger versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.00339	0.00339	0.00339	0.05	0.830
Error	61	4.46302	4.46302	0.07316		
Total	62	4.46641				

**General Linear Model: Panjang Paruh versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.043429	0.043429	0.043429	4.47	0.039
Error	61	0.593247	0.593247	0.009725		
Total	62	0.636676				

**General Linear Model: J. Gerigi Jengger versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.1891	0.1891	0.1891	0.51	0.476
Error	61	22.4549	22.4549	0.3681		
Total	62	22.6440				

**General Linear Model: Jarak Tul Pubis versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.04600	0.04600	0.04600	1.35	0.249
Error	61	2.07146	2.07146	0.03396		
Total	62	2.11746				

**General Linear Model: Lebar Dada versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.01932	0.01932	0.00966	0.12	0.886
Error	60	4.79065	4.79065	0.07984		
Total	62	4.80997				



**General Linear Model: Lingkar Dada versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	3.0081	3.0081	1.5041	2.21	0.118
Error	60	40.7898	40.7898	0.6798		
Total	62	43.7979				

**General Linear Model: Panjang Dada versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.1521	0.1521	0.0761	0.29	0.752
Error	60	15.9409	15.9409	0.2657		
Total	62	16.0930				

**General Linear Model: Panjang Sayap versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.6656	0.6656	0.3328	0.64	0.530
Error	60	31.1628	31.1628	0.5194		
Total	62	31.8285				

**General Linear Model: P. Paha Atas versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.16582	0.16582	0.08291	1.05	0.355
Error	60	4.72445	4.72445	0.07874		
Total	62	4.89027				

**General Linear Model: P. Paha Bawah versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.6958	0.6958	0.3479	1.78	0.178
Error	60	11.7501	11.7501	0.1958		
Total	62	12.4459				

**General Linear Model: Lingkar Shank versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.21891	0.21891	0.10946	3.10	0.053
Error	60	2.12121	2.12121	0.03535		
Total	62	2.34012				

**General Linear Model: Panjang Shank versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	1.4091	1.4091	0.7046	6.91	0.002
Error	60	6.1216	6.1216	0.1020		
Total	62	7.5307				

**General Linear Model: P. Jari Ketiga versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.34726	0.34726	0.17363	2.83	0.067
Error	60	3.68165	3.68165	0.06136		
Total	62	4.02891				

**General Linear Model: Lingkar Leher versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.6312	0.6312	0.3156	2.48	0.092
Error	60	7.6292	7.6292	0.1272		
Total	62	8.2604				

**General Linear Model: Panjang Leher versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.8476	0.8476	0.4238	1.26	0.292
Error	60	20.2408	20.2408	0.3373		
Total	62	21.0885				

**General Linear Model: Panjang Punggung versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	4.6441	4.6441	2.3220	6.20	0.004
Error	60	22.4663	22.4663	0.3744		
Total	62	27.1104				

**General Linear Model: Tinggi Jengger versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.02507	0.02507	0.01253	0.17	0.845
Error	60	4.44135	4.44135	0.07402		
Total	62	4.46641				

**General Linear Model: Panjang Paruh versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.064311	0.064311	0.032155	3.37	0.041
Error	60	0.572365	0.572365	0.009539		
Total	62	0.636676				

**General Linear Model: J. Gerigi Jengger versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.5625	0.5625	0.2813	0.76	0.470
Error	60	22.0815	22.0815	0.3680		
Total	62	22.6440				

**General Linear Model: Jarak Tul Pubis versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.01447	0.01447	0.00723	0.21	0.814
Error	60	2.10300	2.10300	0.03505		
Total	62	2.11746				

**General Linear Model: B. Akhir versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	8285	8285	8285	0.50	0.483
Error	61	1013024	1013024	16607		
Total	62	1021309				

**General Linear Model: B. Potong versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	5282	5282	5282	0.35	0.555
Error	61	916010	916010	15017		
Total	62	921291				

**General Linear Model: % Karkas versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.752	0.752	0.752	0.14	0.714
Error	61	338.432	338.432	5.548		
Total	62	339.184				

**General Linear Model: Dada % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	3.989	3.989	3.989	1.21	0.275
Error	61	200.467	200.467	3.286		
Total	62	204.456				

**General Linear Model: Punggung % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.600	0.600	0.600	0.16	0.688
Error	61	225.274	225.274	3.693		
Total	62	225.875				

**General Linear Model: Sayap % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	1.244	1.244	1.244	0.33	0.566
Error	61	228.105	228.105	3.739		
Total	62	229.349				

**General Linear Model: Paha Atas % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	3.023	3.023	3.023	1.73	0.193
Error	61	106.305	106.305	1.743		
Total	62	109.328				

**General Linear Model: Paha Bawah % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.0067	0.0067	0.0067	0.01	0.932
Error	61	55.0175	55.0175	0.9019		
Total	62	55.0242				

**General Linear Model: % Non Karkas versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.752	0.752	0.752	0.14	0.714
Error	61	338.432	338.432	5.548		
Total	62	339.184				

**General Linear Model: Kepala % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.096	0.096	0.096	0.04	0.837
Error	61	136.561	136.561	2.239		
Total	62	136.657				

**General Linear Model: Leher % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.005	0.005	0.005	0.00	0.973
Error	61	243.510	243.510	3.992		
Total	62	243.514				

**General Linear Model: Ceker % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.532	0.532	0.532	0.22	0.640
Error	61	147.108	147.108	2.412		
Total	62	147.640				

**General Linear Model: Jeroan % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	33.251	33.251	33.251	6.08	0.016
Error	61	333.540	333.540	5.468		
Total	62	366.791				

**General Linear Model: Bulu % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	37.44	37.44	37.44	1.75	0.191
Error	61	1308.78	1308.78	21.46		
Total	62	1346.22				

**General Linear Model: % Daging versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	2.111	2.111	2.111	0.32	0.576
Error	61	407.073	407.073	6.673		
Total	62	409.185				

**General Linear Model: % Daging Dada versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	23.27	23.27	23.27	1.73	0.194
Error	61	821.20	821.20	13.46		
Total	62	844.48				

**General Linear Model: % Daging Paha Atas versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	19.98	19.98	19.98	0.61	0.438
Error	61	2002.02	2002.02	32.82		
Total	62	2022.00				

**General Linear Model: % Daging Paha Bawah versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	26.85	26.85	26.85	1.62	0.208
Error	61	1010.17	1010.17	16.56		
Total	62	1037.03				

**General Linear Model: % Tulang versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	1.238	1.238	1.238	0.34	0.561
Error	61	221.432	221.432	3.630		
Total	62	222.670				

**General Linear Model: Tulang Dada % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	23.27	23.27	23.27	1.73	0.194
Error	61	821.20	821.20	13.46		
Total	62	844.48				

**General Linear Model: Tulang Paha Atas % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	19.98	19.98	19.98	0.61	0.438
Error	61	2002.02	2002.02	32.82		
Total	62	2022.00				

**General Linear Model: Tulang Paha Bawah % versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	26.85	26.85	26.85	1.62	0.208
Error	61	1010.17	1010.17	16.56		
Total	62	1037.03				

**General Linear Model: Rasio Daging : Tulang versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	1.3976	1.3976	1.3976	1.89	0.174
Error	61	45.0994	45.0994	0.7393		
Total	62	46.4970				

**General Linear Model: B. Akhir versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	149602	149602	149602	10.47	0.002
Error	61	871707	871707	14290		
Total	62	1021309				

**General Linear Model: B. Potong versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	171862	171862	171862	13.99	0.000
Error	61	749429	749429	12286		
Total	62	921291				

**General Linear Model: % Karkas versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	38.126	38.126	38.126	7.73	0.007
Error	61	301.057	301.057	4.935		
Total	62	339.184				

**General Linear Model: Dada % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.012	0.012	0.012	0.00	0.952
Error	61	204.444	204.444	3.352		
Total	62	204.456				

**General Linear Model: Punggung % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	3.538	3.538	3.538	0.97	0.328
Error	61	222.337	222.337	3.645		
Total	62	225.875				

**General Linear Model: Sayap % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	7.466	7.466	7.466	2.05	0.157
Error	61	221.883	221.883	3.637		
Total	62	229.349				

**General Linear Model: Paha Atas % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	15.633	15.633	15.633	10.18	0.002
Error	61	93.695	93.695	1.536		
Total	62	109.328				

**General Linear Model: Paha Bawah % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.3003	0.3003	0.3003	0.33	0.565
Error	61	54.7239	54.7239	0.8971		
Total	62	55.0242				

**General Linear Model: % Non Karkas versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	38.126	38.126	38.126	7.73	0.007
Error	61	301.057	301.057	4.935		
Total	62	339.184				

**General Linear Model: Kepala % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	8.109	8.109	8.109	3.85	0.054
Error	61	128.548	128.548	2.107		
Total	62	136.657				



**General Linear Model: Leher % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.016	0.016	0.016	0.00	0.950
Error	61	243.499	243.499	3.992		
Total	62	243.514				

**General Linear Model: Ceker % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	2.731	2.731	2.731	1.15	0.288
Error	61	144.910	144.910	2.376		
Total	62	147.640				

**General Linear Model: Jeroan % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	7.340	7.340	7.340	1.25	0.269
Error	61	359.452	359.452	5.893		
Total	62	366.791				

**General Linear Model: Bulu % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	2.78	2.78	2.78	0.13	0.724
Error	61	1343.45	1343.45	22.02		
Total	62	1346.22				

**General Linear Model: % Daging versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.547	0.547	0.547	0.08	0.776
Error	61	408.638	408.638	6.699		
Total	62	409.185				

**General Linear Model: % Daging Dada versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	120.48	120.48	120.48	10.15	0.002
Error	61	724.00	724.00	11.87		
Total	62	844.48				

**General Linear Model: % Daging Paha Atas versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	199.13	199.13	199.13	6.66	0.012
Error	61	1822.88	1822.88	29.88		
Total	62	2022.00				

**General Linear Model: % Daging Paha Bawah versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	30.98	30.98	30.98	1.88	0.176
Error	61	1006.05	1006.05	16.49		
Total	62	1037.03				

**General Linear Model: % Tulang versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	28.654	28.654	28.654	9.01	0.004
Error	61	194.016	194.016	3.181		
Total	62	222.670				

**General Linear Model: Tulang Dada % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	120.48	120.48	120.48	10.15	0.002
Error	61	724.00	724.00	11.87		
Total	62	844.48				

**General Linear Model: Tulang Paha Atas % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	199.13	199.13	199.13	6.66	0.012
Error	61	1822.88	1822.88	29.88		
Total	62	2022.00				

**General Linear Model: Tulang Paha Bawah % versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	30.98	30.98	30.98	1.88	0.176
Error	61	1006.05	1006.05	16.49		
Total	62	1037.03				

**General Linear Model: Rasio Daging : Tulang versus GHR**

Factor	Type	Levels	Values				
GHR	fixed	2	AA, AG				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
GHR	1	7.2697	7.2697	7.2697	11.30	0.001	
Error	61	39.2273	39.2273	0.6431			
Total	62	46.4970					

**General Linear Model: B. Akhir versus IGF2**

Factor	Type	Levels	Values				
IGF2	fixed	3	CC, TC, TT				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
IGF2	2	139045	139045	69523	4.73	0.012	
Error	60	882263	882263	14704			
Total	62	1021309					

**General Linear Model: B. Potong versus IGF2**

Factor	Type	Levels	Values				
IGF2	fixed	3	CC, TC, TT				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
IGF2	2	174847	174847	87423	7.03	0.002	
Error	60	746445	746445	12441			
Total	62	921291					

**General Linear Model: % Karkas versus IGF2**

Factor	Type	Levels	Values				
IGF2	fixed	3	CC, TC, TT				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
IGF2	2	30.226	30.226	15.113	2.93	0.061	
Error	60	308.957	308.957	5.149			
Total	62	339.184					

**General Linear Model: Dada % versus IGF2**

Factor	Type	Levels	Values				
IGF2	fixed	3	CC, TC, TT				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
IGF2	2	4.662	4.662	2.331	0.70	0.501	
Error	60	199.794	199.794	3.330			
Total	62	204.456					

**General Linear Model: Punggung % versus IGF2**

Factor	Type	Levels	Values				
IGF2	fixed	3	CC, TC, TT				
Source	DF	Seq SS	Adj SS	Adj MS	F	P	
IGF2	2	38.463	38.463	19.232	6.16	0.004	
Error	60	187.412	187.412	3.124			
Total	62	225.875					

**General Linear Model: Sayap % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	12.022	12.022	6.011	1.66	0.199
Error	60	217.327	217.327	3.622		
Total	62	229.349				

**General Linear Model: Paha Atas % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	31.773	31.773	15.887	12.29	0.000
Error	60	77.554	77.554	1.293		
Total	62	109.328				

**General Linear Model: Paha Bawah % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.8457	0.8457	0.4229	0.47	0.628
Error	60	54.1785	54.1785	0.9030		
Total	62	55.0242				

**General Linear Model: % Non Karkas versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	30.226	30.226	15.113	2.93	0.061
Error	60	308.957	308.957	5.149		
Total	62	339.184				

**General Linear Model: Kepala % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	11.513	11.513	5.756	2.76	0.071
Error	60	125.144	125.144	2.086		
Total	62	136.657				

**General Linear Model: Leher % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	11.693	11.693	5.847	1.51	0.228
Error	60	231.821	231.821	3.864		
Total	62	243.514				

**General Linear Model: Ceker % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.773	0.773	0.386	0.16	0.854
Error	60	146.868	146.868	2.448		
Total	62	147.640				

**General Linear Model: Jeroan % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	80.602	80.602	40.301	8.45	0.001
Error	60	286.190	286.190	4.770		
Total	62	366.791				

**General Linear Model: Bulu % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	84.18	84.18	42.09	2.00	0.144
Error	60	1262.04	1262.04	21.03		
Total	62	1346.22				

**General Linear Model: % Daging versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	6.885	6.885	3.442	0.51	0.601
Error	60	402.300	402.300	6.705		
Total	62	409.185				

**General Linear Model: % Daging Dada versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	167.92	167.92	83.96	7.45	0.001
Error	60	676.56	676.56	11.28		
Total	62	844.48				

**General Linear Model: % Daging Paha Atas versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	899.38	899.38	449.69	24.03	0.000
Error	60	1122.63	1122.63	18.71		
Total	62	2022.00				

**General Linear Model: % Daging Paha Bawah versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	571.51	571.51	285.75	36.83	0.000
Error	60	465.52	465.52	7.76		
Total	62	1037.03				

**General Linear Model: % Tulang versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	43.107	43.107	21.553	7.20	0.002
Error	60	179.563	179.563	2.993		
Total	62	222.670				

**General Linear Model: Tulang Dada % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	167.92	167.92	83.96	7.45	0.001
Error	60	676.56	676.56	11.28		
Total	62	844.48				

**General Linear Model: Tulang Paha Atas % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	899.38	899.38	449.69	24.03	0.000
Error	60	1122.63	1122.63	18.71		
Total	62	2022.00				

**General Linear Model: Tulang Paha Bawah % versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	571.51	571.51	285.75	36.83	0.000
Error	60	465.52	465.52	7.76		
Total	62	1037.03				

**General Linear Model: Rasio Daging : Tulang versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	10.2778	10.2778	5.1389	8.51	0.001
Error	60	36.2192	36.2192	0.6037		
Total	62	46.4970				

**General Linear Model: % Jeroan versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	33.251	33.251	33.251	6.08	0.016
Error	61	333.540	333.540	5.468		
Total	62	366.791				

**General Linear Model: % Hati versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.542	0.542	0.542	0.07	0.788
Error	61	452.678	452.678	7.421		
Total	62	453.220				

**General Linear Model: % Empedu versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.5735	0.5735	0.5735	1.41	0.240
Error	61	24.8336	24.8336	0.4071		
Total	62	25.4071				

**General Linear Model: % Jantung versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.0705	0.0705	0.0705	0.09	0.768
Error	61	48.7896	48.7896	0.7998		
Total	62	48.8601				

**General Linear Model: % Limfa versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.355	0.355	0.355	0.14	0.712
Error	61	157.590	157.590	2.583		
Total	62	157.945				

**General Linear Model: % Tembolok versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	1.621	1.621	1.621	0.98	0.326
Error	61	101.060	101.060	1.657		
Total	62	102.681				

**General Linear Model: % Pankreas versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.0191	0.0191	0.0191	0.10	0.750
Error	61	11.3217	11.3217	0.1856		
Total	62	11.3408				

**General Linear Model: % Proven versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.0596	0.0596	0.0596	0.06	0.804
Error	61	58.7390	58.7390	0.9629		
Total	62	58.7986				

**General Linear Model: % Gizzard versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	41.40	41.40	41.40	2.08	0.154
Error	61	1212.26	1212.26	19.87		
Total	62	1253.65				

**General Linear Model: % Dedenum versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	11.443	11.443	11.443	4.27	0.043
Error	61	163.506	163.506	2.680		
Total	62	174.949				

**General Linear Model: % Jejenum versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	6.297	6.297	6.297	1.24	0.270
Error	61	309.985	309.985	5.082		
Total	62	316.281				

**General Linear Model: % Ilium versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.122	0.122	0.122	0.03	0.855
Error	61	219.345	219.345	3.596		
Total	62	219.467				



**General Linear Model: % Caecum versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.837	0.837	0.837	0.23	0.630
Error	61	218.242	218.242	3.578		
Total	62	219.078				

**General Linear Model: % Usus Besar versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.5329	0.5329	0.5329	0.69	0.409
Error	61	46.9925	46.9925	0.7704		
Total	62	47.5254				

**General Linear Model: % Jeroan versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	7.340	7.340	7.340	1.25	0.269
Error	61	359.452	359.452	5.893		
Total	62	366.791				

**General Linear Model: % Hati versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	5.363	5.363	5.363	0.73	0.396
Error	61	447.856	447.856	7.342		
Total	62	453.220				

**General Linear Model: % Empedu versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.4322	0.4322	0.4322	1.06	0.308
Error	61	24.9749	24.9749	0.4094		
Total	62	25.4071				

**General Linear Model: % Jantung versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	3.3435	3.3435	3.3435	4.48	0.038
Error	61	45.5166	45.5166	0.7462		
Total	62	48.8601				

**General Linear Model: % Limfa versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.149	0.149	0.149	0.06	0.811
Error	61	157.796	157.796	2.587		
Total	62	157.945				

**General Linear Model: % Tembolok versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	3.923	3.923	3.923	2.42	0.125
Error	61	98.758	98.758	1.619		
Total	62	102.681				

**General Linear Model: % Pankreas versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.0058	0.0058	0.0058	0.03	0.860
Error	61	11.3350	11.3350	0.1858		
Total	62	11.3408				

**General Linear Model: % Proven versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.0281	0.0281	0.0281	0.03	0.865
Error	61	58.7705	58.7705	0.9635		
Total	62	58.7986				

**General Linear Model: % Gizzard versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	368.41	368.41	368.41	25.39	0.000
Error	61	885.25	885.25	14.51		
Total	62	1253.65				

**General Linear Model: % Dedenum versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	66.914	66.914	66.914	37.78	0.000
Error	61	108.036	108.036	1.771		
Total	62	174.949				

**General Linear Model: % Jejenum versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	85.850	85.850	85.850	22.73	0.000
Error	61	230.431	230.431	3.778		
Total	62	316.281				

**General Linear Model: % Ilium versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	3.592	3.592	3.592	1.01	0.318
Error	61	215.875	215.875	3.539		
Total	62	219.467				

**General Linear Model: % Caecum versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	4.115	4.115	4.115	1.17	0.284
Error	61	214.963	214.963	3.524		
Total	62	219.078				

**General Linear Model: % Usus Besar versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.5035	0.5035	0.5035	0.65	0.422
Error	61	47.0219	47.0219	0.7709		
Total	62	47.5254				

**General Linear Model: % Jeroan versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	80.602	80.602	40.301	8.45	0.001
Error	60	286.190	286.190	4.770		
Total	62	366.791				

**General Linear Model: % Hati versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	45.022	45.022	22.511	3.31	0.043
Error	60	408.197	408.197	6.803		
Total	62	453.220				

**General Linear Model: % Empedu versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	1.9543	1.9543	0.9772	2.50	0.091
Error	60	23.4528	23.4528	0.3909		
Total	62	25.4071				

**General Linear Model: % Jantung versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	1.7082	1.7082	0.8541	1.09	0.344
Error	60	47.1518	47.1518	0.7859		
Total	62	48.8601				

**General Linear Model: % Limfa versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	4.924	4.924	2.462	0.97	0.387
Error	60	153.021	153.021	2.550		
Total	62	157.945				

**General Linear Model: % Tembolok versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	5.131	5.131	2.565	1.58	0.215
Error	60	97.550	97.550	1.626		
Total	62	102.681				

**General Linear Model: % Pankreas versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.2443	0.2443	0.1221	0.66	0.520
Error	60	11.0965	11.0965	0.1849		
Total	62	11.3408				

**General Linear Model: % Proven versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	1.3736	1.3736	0.6868	0.72	0.492
Error	60	57.4251	57.4251	0.9571		
Total	62	58.7986				

**General Linear Model: % Gizzard versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	673.10	673.10	336.55	34.78	0.000
Error	60	580.55	580.55	9.68		
Total	62	1253.65				

**General Linear Model: % Dedenum versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	34.992	34.992	17.496	7.50	0.001
Error	60	139.957	139.957	2.333		
Total	62	174.949				

**General Linear Model: % Jejenum versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	62.973	62.973	31.487	7.46	0.001
Error	60	253.308	253.308	4.222		
Total	62	316.281				

**General Linear Model: % Ilium versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.924	0.924	0.462	0.13	0.881
Error	60	218.543	218.543	3.642		
Total	62	219.467				

**General Linear Model: % Caecum versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	25.500	25.500	12.750	3.95	0.024
Error	60	193.578	193.578	3.226		
Total	62	219.078				

**General Linear Model: % Usus Besar versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	2.9463	2.9463	1.4731	1.98	0.147
Error	60	44.5791	44.5791	0.7430		
Total	62	47.5254				

**General Linear Model: pH versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.03074	0.03074	0.03074	0.87	0.354
Error	61	2.14828	2.14828	0.03522		
Total	62	2.17901				

**General Linear Model: SM versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	32.71	32.71	32.71	0.77	0.383
Error	61	2588.18	2588.18	42.43		
Total	62	2620.89				

**General Linear Model: DPD versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.06246	0.06246	0.06246	3.67	0.060
Error	61	1.03808	1.03808	0.01702		
Total	62	1.10054				

**General Linear Model: Keempukan versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.03423	0.03423	0.03423	2.33	0.132
Error	61	0.89413	0.89413	0.01466		
Total	62	0.92835				

**General Linear Model: DIA versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.2	0.2	0.2	0.00	0.977
Error	61	16962.7	16962.7	278.1		
Total	62	16962.9				

**General Linear Model: L versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	671.7	671.7	671.7	2.84	0.097
Error	61	14419.8	14419.8	236.4		
Total	62	15091.5				

**General Linear Model: a versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	20.255	20.255	20.255	2.63	0.110
Error	61	469.228	469.228	7.692		
Total	62	489.483				

**General Linear Model: b versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	48.81	48.81	48.81	4.27	0.043
Error	61	697.85	697.85	11.44		
Total	62	746.66				

**General Linear Model: pH versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.04347	0.04347	0.04347	1.24	0.269
Error	61	2.13554	2.13554	0.03501		
Total	62	2.17901				

**General Linear Model: SM versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	383.33	383.33	383.33	10.45	0.002
Error	61	2237.56	2237.56	36.68		
Total	62	2620.89				

**General Linear Model: DPD versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.11729	0.11729	0.11729	7.28	0.009
Error	61	0.98325	0.98325	0.01612		
Total	62	1.10054				

**General Linear Model: Keempukan versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.06679	0.06679	0.06679	4.73	0.034
Error	61	0.86156	0.86156	0.01412		
Total	62	0.92835				

**General Linear Model: DIA versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	265.3	265.3	265.3	0.97	0.329
Error	61	16697.7	16697.7	273.7		
Total	62	16962.9				

**General Linear Model: L versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	2614.0	2614.0	2614.0	12.78	0.001
Error	61	12477.5	12477.5	204.5		
Total	62	15091.5				

**General Linear Model: a versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	28.757	28.757	28.757	3.81	0.056
Error	61	460.726	460.726	7.553		
Total	62	489.483				

**General Linear Model: b versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	64.04	64.04	64.04	5.72	0.020
Error	61	682.62	682.62	11.19		
Total	62	746.66				

**General Linear Model: pH versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	1.20953	1.20953	0.60476	37.43	0.000
Error	60	0.96949	0.96949	0.01616		
Total	62	2.17901				

**General Linear Model: SM versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	758.88	758.88	379.44	12.23	0.000
Error	60	1862.01	1862.01	31.03		
Total	62	2620.89				



**General Linear Model: DPD versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.96340	0.96340	0.48170	210.75	0.000
Error	60	0.13714	0.13714	0.00229		
Total	62	1.10054				

**General Linear Model: Keempukan versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.48551	0.48551	0.24275	32.89	0.000
Error	60	0.44285	0.44285	0.00738		
Total	62	0.92835				

**General Linear Model: DIA versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	13074.4	13074.4	6537.2	100.87	0.000
Error	60	3888.5	3888.5	64.8		
Total	62	16962.9				

**General Linear Model: L versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	9798.2	9798.2	4899.1	55.53	0.000
Error	60	5293.3	5293.3	88.2		
Total	62	15091.5				

**General Linear Model: a versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	151.901	151.901	75.951	13.50	0.000
Error	60	337.581	337.581	5.626		
Total	62	489.483				

**General Linear Model: b versus IGF2**

Factor	Type	Levels	Values			
IGF2	fixed	3	CC, TC, TT			
Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	46.75	46.75	23.37	2.00	0.144
Error	60	699.92	699.92	11.67		
Total	62	746.66				

**General Linear Model: Diameter Serat Otot versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	40.60	40.60	40.60	1.35	0.249
Error	61	1830.67	1830.67	30.01		
Total	62	1871.27				

**General Linear Model: Panjang Sarkomer versus GHSR**

Factor	Type	Levels	Values
GHSR	fixed	2	CT, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHSR	1	0.03169	0.03169	0.03169	0.87	0.354
Error	61	2.21370	2.21370	0.03629		
Total	62	2.24539				

**General Linear Model: Diameter Serat Otot versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	58.82	58.82	58.82	1.98	0.164
Error	61	1812.45	1812.45	29.71		
Total	62	1871.27				

**General Linear Model: Panjang Sarkomer versus GHR**

Factor	Type	Levels	Values
GHR	fixed	2	AA, AG

Source	DF	Seq SS	Adj SS	Adj MS	F	P
GHR	1	0.01847	0.01847	0.01847	0.51	0.480
Error	61	2.22692	2.22692	0.03651		
Total	62	2.24539				

**General Linear Model: Diameter Serat Otot versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	76.79	76.79	38.39	1.28	0.285
Error	60	1794.48	1794.48	29.91		
Total	62	1871.27				

**General Linear Model: Panjang Sarkomer versus IGF2**

Factor	Type	Levels	Values
IGF2	fixed	3	CC, TC, TT

Source	DF	Seq SS	Adj SS	Adj MS	F	P
IGF2	2	0.02155	0.02155	0.01077	0.29	0.749
Error	60	2.22384	2.22384	0.03706		
Total	62	2.24539				

### PROSES PENETASAN DAN KOLEKSI DOC



TAHAPAN PEMELIHARAAN DAN PENGAMBILAN DATA PERFORMA





### TAHAPAN PENGUKURAN & PENGAMATAN DATA MORFOMETRIK

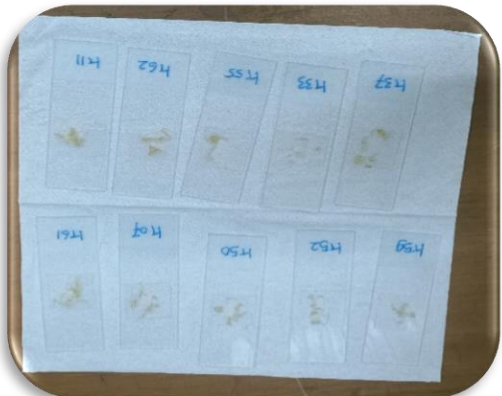


### TAHAPAN PENGUKURAN KARKAS DAN NON KARKAS

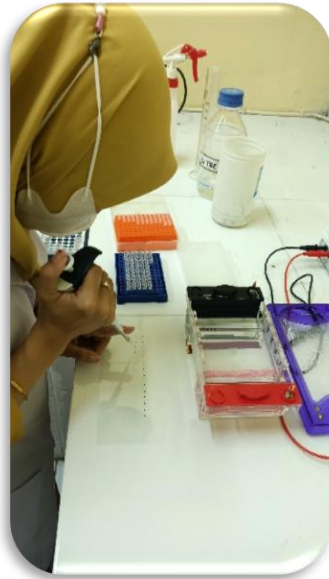






**TAHAPAN PENGAMATAN DATA KUALITAS DAGING**



**TAHAPAN PENGAMATAN DATA MOLEKULER DNA & RNA**

## CURICULUM VITAE



### DATA PRIBADI

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### RIWAYAT PENDIDIKAN

1. SD tahun 1998 - 2004 di Sekolah Dasar Inpres 065 Polewali
2. SMP tahun 2004 - 2007 di Sekolah Menengah Pertama SMPN 1 Polewali
3. SMA tahun 2007 - 2010 di Sekolah Menengah Atas SMPN 1 Polewali
4. Sarjana (S1) tahun 2010 – 2014 di Fakultas Peternakan Universitas Hasanuddin (UNHAS)
5. Magister (S2) Tahun 2014 – 2016 di Fakultas Peternakan Institut Pertanian Bogor (IPB)
6. Doktor (S3) Tahun 2018 – 2023 di Fakultas Peternakan Universitas Hasanuddin (UNHAS)

### RIWAYAT PEKERJAAN

1. Dosen LB pada tahun 2016 – 2017 pada Program Studi Peternakan Fakultas Sains dan Teknologi Universitas Islam Negeri Alauddin (UIN ALauddin)

2. Dosen LB pada tahun 2017 – 2019 pada Program Studi Peternakan Fakultas Peternakan dan Perikanan Universitas Sulawesi Barat (Unsulbar)
3. Dosen tetap pada tahun 2016 – sekarang pada Program Studi Peternakan Fakultas Ilmu Pertanian Universitas Al Asyariah Mandar (Unasman)

#### **KARYA ILMIAH / KONFERENSI ILMIAH INTERNASIONAL**

1. Seminar conference The 4<sup>th</sup> International Conference of Animal Science and Technology (ICAST4) “Physical Meat Characteristic of Kalosi Kampung Chicken Selected Based on RFI Phenotype”.
2. Jurnal Advances in Animal and Veterinary Sciences “Growth Traits and Carcass Characteristics of Kalosi Chicken Selected Based on Residual Feed Intake (RFI) Phenotype”.