

Nama : Dean Gery Pasamba
Nim : D121221080

Tugas DNA, Genom, dan Asam Amino

Hasil Output Program :

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS Code
ACAACTACACCCAGCAACCCGCTCAACACACCTCCTACACATCAAACTCCTACGATACCTTCTATTCGACACCAATCTACGATCAATCCCTAACAACTAGGAGGGGTCTAGCCCTAGTCTCTCCATCTAATCTCATTCTCATGCCCCCTACTGCATACCAACAACGAAGTATGATGT
CCGACCATTCAGGCAATGCTATTCTGAATCCTAGTAGCAAACTACTAACCACTCACATGAATTGAGGACAGCAGCTGAACACCATATATTATTCATTGACCACTAGCATCTATCACATACTCTCTTCTCATCCCTAGTACTAATACCAACGCCAGCATATCGAAAAATGCTCTTAAATGAAGA

Hasil asam amino genome:
VNWV_NQSKALKNRP_VPPTP_THRFGRPLSVNS_TYTKCHPHSENAL_VNETKRSQHQAHTCSSRRLA_PHPHKQKQ_QKLHKRKF_VILTKGW_ISCQPPRSYD_PKLTGVRKMC_STPLNRVKF_LSRKKP_FQ_K_ATKVTL_QLTHYS_DPIMD_IPHYA_P_TQIILTKLFARVLPAI
A_NSKDLAVLYIPLPEEVL_SINDRPHQFLLMQSIYRHLQRTLKRYKSKRNHNA_KR_VKV_PHKWEEMGYIFYTKNTQHESHEN_PKEDLAVN_E_SA_LN_AMKHAHTARHPPOVNIHMPTLFKCTNHMRGDKS_QGHTGKCAWNIQDIA_IKHPVYT_KISHMTIILN_I_PKNPTPINN_DI
IKQNIYPKLYRR_KY_IRRYRGSTARER_KKQKYKAKVTPCTSCIML_LVQT_QNEF_LSNPKPDELLTNSLPTNSMMQSEKICK_W_HA_RAW_LVVQNMNLSAALKIPKVQIHLTVSLKVLKRSFLEDTDTLTRE_DLTP_AQKQPPKALKLNKNPNMNSKIROPTPMNTGLTY
KCIETAILN_I_VTRNTFSLHKFSKVSNDTLTNS_K_PNNK_FIYTYVMTQECTKERLKEVKGTRQTQTPPVYQKHLPQ_WYRHKCLPSDNR_TAAVS_PCKGSIITCSLNRODLHEWHEGLTVSYFQSVKLTFF_RGNALIRREDPMEL_LISPKKNKPNHQGVITLMS_QERLG_PRRIKNPPS
DFKD_TYESNRISIAH_SKINFQRMKLP_G_QRNPQIESISTIGFTTSMLDQDTLMVQPLSKVRLFND_SPT_SEFRPE_SRSYSIYYVFLPVRRDKRKNKANILNALQUMLSQVLQQTCPKRGLS_GGARAR_LHKT_TFIPROSNPLNKMFIINILILIPILLAVAFLLVERKVLGYIQERKGP
WVGPGYGLQPIADAIKLFKEPLPATSSSTIFILAPILALGLALTI_VPLPIPYPLINILNLGVFLAIISSLAVSIL_SGMASNSKVALIGALRAVAQTISYEVFLAIIILSVLLISGSFSLTLITIQEQTWLIFPAMPPLAII_FISTLAETNRAPDOLTEGESELVSFGNVEYAGFALFFIAE
YANIIINIIFITAILFLGTSHNPPMEPLYTINFIKSLLLTISFL_IRASYPFRFYDQILHLL_KNFLLPLTAICI_HVSLPILLSSIPQOT_EICLTKELL_SK_RFKPSYF_NYRN_T_S_EPKTLRAPNYTKS_QGLIKLGGYPGNGVSHPRSTNKPNIHLYYSINCYMRNYRYRN_LPLTTH
LNRI_NKYTRHSHYNNKSQPTGSGSIN_ILPNPINSUNINSRHY_POILRPYDRINKII_PSSLNTHINSPRHKTGNSPILLSRPSRNTYPPILMPLANMTKSTIIRTISNLPINQSEPDNPVNVINYNRRLRRTKPNITIKNHSILINRAHRLNINSSTIIOHHITTKPIHHLHHNLHIYTI
HS_LHHHHVPVITYMYQDTHNRILNISHPSINRRAPSPGIVTYKQNNHPRDNKRR_HYLTHPYSNHSTIKLVLHHTIRILHHTINILPILYKQYKNKHTIFPYKTNMPPMTNISCITIHHTTTNTNTISARIGI_VKQTKSLQSPKQVQOT_FLIRIARLYLTSIECKSTTLIKLNPH_TGGLHPHETLVNIS
MP_STGFIILLPFPREKGGGRSGRTEAASNLQFNV_IHKKAW_KEDSNPL_TYSLILTOPFYLCSLTADYSQPTIKISAPCICCLVPEPA_GOP_VY_FALN_WILGYPSEMTKSTT_L_PHTHL_FSS_QQS_LGOLATDLSL_LALPT_HSPE_TT_ASGGSLLSYFF_HHP_LKLEQGV
EPYTPL_QVT_PTQEPRIWI_PSSLYTMQVSPQS_GLLILLQQLST_NLQYHITKPLYSCDP_SPPCYYSFHFLC_QLALQCY_QIGT_TQLSLIQEGEELFYNTYFDSDDLKYFISFYPGSV_SPL_PTQEQKRNHSDI_E_FEP_YQLGSWALSVGPTTYLQLE_TSIHEPTSHQPL_LLLSQ
LE_KSLAD_QHTEVISNDPL_CEP_ASSSSQ_EA_PELS_LTLPTSTSFSTRIML_HTSTMSYQ_VLCSPL_EDLYIDSHCSQATP_TLLEPKSTSQSY_VSI_LSFHNTS_GCPVYHDTVITIQMHQVEIPFHQWHLF_QRSY_SLLSEKHSHPNEKSQ_L_POQTND_MODALHHIHS
KNLRLMT_NKKGGRNRTPYMYFQANIIITMHSINEMLVKLYNFVEVKLQKILYISYGIPTYTRLSRCINSHRRITASLS_PYANIRLFN_LISPLYHFTNMBKTHSHQYNRCTSRDNLNSTRYPHFNCTPVPTNSIYNG_NQOPIPHNSKNGTGMILKL_VHRLRPELRLHDSNIRAKARRT
TTTISR_SSCITHGDDNPNTGLLRRRATLNGRTLPRVKNNRRNPGSSPMNPVYPTRPVLPWMLRNLRIKPOLYTYCP_DSPAKVF_KMICINTIKSPRSCSTSLSS_R_GALYFPM_HATVRHIMTNDNLINILSPLHLSITKMFQTLQLPORQDITNKNKTKYPLRKNWENLFTSFITPILGL
PLATILVLPSSLFPTPIRILVSNRILSLQ_ILQLVSKQDGIHNTKGT_TLILISLILFIGSTNLGLLPHSFPTTQSLINLGAIPL_AGAVVTGFRNKTKASLAHLFPGQPTPLIPMLVIETISLFIQVALAVRLTANITAGHLIHLIGGATLALISISVTALITFLIILLITILEFAVA
IIQAYVFTLIVSLVLDHNT_HTKMLMT_TQALDLREPCPPY_HPA_LYDSTSTQPY_CLA_QLIYQVINDODEILSERVSKDTPQPEKKASME_FSSFLKYSYSSPSSSEHSTTVQLPPHPMNAVADPQALIRSTPAKFIHSTPPFY_LQGLSPEPTIA_RGAETICKYKPLLLLR_G
CISHYKYPQNTMGHPSLSQGTCAQLSS_POASTVFM_LLGPS_LYASSVN_NISPLTITTSALKPLDIDL_T_SDFSSMYQSIDEAHILLVSSSTA?
FQSGAFGLTRKRILINILALLTNFLTATLIVTIAF_LPOLNAYSEKTSPEYCGDIPGASRLPFSIKFFLVAITFLFDLEIALLPLP_ASQNTINLITLTMALFLIILLAVSLAYE_TQKGLEWTEYGI_FKIK_MISTH_IMIKLIITKCP_YT_IL_QHSQSL_DC_YIDPT_YPPSYA_KE_YY
PYSWLWP_QFLHTSR_PT_YL_SVWSSQPAQH_VYLC_YPTHMVLTMCKISTYLNKAVHYPMNHTPDLIIKQHNLQVYNQIAD_PYKLTYPKIRROQPQFISIFL_FFIHSTIDSNMTPSPNINSQPTPIKRPKMPKKATVHHANPTTIVPNHDLHRHRTDLLYSIRNSITSSNTY
HYPMRKPDRASKRRTLLPVLIHYRLTFASCTSLHSHSRVPELPIITPLSTTY_LLT_YLHMASMYDSFYKNIITIMPSTLPT_SPCRSYRFRHGSCSNPIKTTGGIRHATHITLKPSL_LHSISYIYTIPMRHNYNQLNLPSPMRSEIHCILFCYPTCYCSHPYNTLKLVSRYSCDNCMPH
ILYTFELPSKLQIRASPOQVNLSSRPTNPTSTNSHMLTTS_PNQPSPAPYN_PNRGITSSNINLFIH_HHNYPMGSKHSHKILILLYTNHNPTRKIYPPHQHFTILHTRKCTHIITYPTSTIPISKPKINYSRAPUL_I_FNKIURL_I_Q_KPTCLLIYRKSTQELLILCPMPSMAFSNF_RMWVR
WS_EPKMCKNSK_K_TYSLHLC_PPYEY_QVPS_QOASTPIKPTIIST_KQSHAPSLPA_SQ_YLSIRAK_SFQIDTD_PSKLSNYSALK_IIFQ_YLSQ_HYSLHGLL_NSOQVITYQTPTLINSINTYSCFLQYSFLLQTTSSNYLAEKASELYSHYSDDGDEQTOQPYKQSCIT
ASATSGLS_Q_HDS_QILTPETSQSSY_NQTTPTYP_D_Y_PROENPLNLASTHDSPLQWKAQPLSQHYFTQW_QASSY_SASTH_QKTNSNLLHYWELSPPYLQYVPLKMTSKRSSPSPHAPAS_AL_W_QLASTNPMRWSISAPTPFSRPPYYSVALPLSTT_TTNKTEK_EAYSKP
YHLPOQPLLLVASH_QECLSSQDTPKT_SSKPPTRHITPEPY_H_LPHPSQSPATESPSLHS_DNPDPFRLLSMKTTPE_LTSLNAY_SEVCLQGLLSLASPO_QSPK_LYLT_T_KQOP_LQS_ASS_P_KSAT_LKT_NSTIPQTSNSPTY_DISL_SVIA_LLTQT_Q_AKN_HPLF_T
SD_KTFYQKLPHLSR_RHPSQOTKKA_SNYISSPS_SQSSAMPYLVSTSNFYNNHNP_H_PPSHNN_PSPITV_SRNPHSLLTCKGKGPICINNVP_TIELKHNLHLIFQHITNVQKYQOTSNIKR_DNFIRNSNLRIILCHSRSCTIDYHHPH_IN_KHQQA_KRPTKI_HNPTNPTTHN
_P_SPINR_RF_RKPKHTKHONNT_NKYNIQYHYSVEFHQD_YEKPSSFNYKINIDQPKIPTPTNKNKSQCICH_SPCSIGHLIMKLSLSPRHLPHYANPMPISNTLHTRHNSILLRRPHLPRRELBNHSHIHRKSFIFHLIYTRRTHIRIIRIHLRYNNHNSHFIIRSNHSIYRIRAA
MRTNILIRNSHSHQPLSNPIHMYKSG_VULGGILSG_SNPPIRLISLHPIHYRSTCNSPPIPPRNRIQPNIGILIRHQNPIPLLY_RHPRRLTINPSQPTISTIHTRPPRGPRQLHPSKPTQHTSSHQ_T_MILPIRIRNLITNS_QTRRGSPSSLHPNHSHPATYIQTCKYDVPYIQPM
ILNPSSKPNANTHMMATSRPIYHYRTTSIYHILPSHPSANTSQWNRK_SLKMKTSLCSTILNTLVL_TKKGEQTPSRLREEATPLTPKAEVFLKLEPH_YSSTNKSLSLIKFTKTCNNILTLHSLNLIIRNKNQHT_SHMYNIQWMLL_NGECT_YQCNKICIT_YIILYAPCI_AS
T_NCTIVHSTCN_SYIAHLSQIHSQCHAYPFH_IASLITMPRETSNPSGRDPPSSRSGPMSGGSVLMFNHRHLVLSGSPHKLSPILSS_IRHLDGLMSNQPLMHCNAVILHVFYFGGCLDSAMAVKGDPEHEL_LDLTAS_APA_W_AQGMQLMVTGRHINPLFPSPYQTPLYKLPPLTCFSL
DAYSNLHFQYSN_HSK_SHYINT_TTISQY

Hasil asam amino DNA mitokondria:
MTNIRKSHPLIKLINNAFIDLPAISNISS_NFGSLIGICILQILTGLFAIHYTSDTTTAFSSVAHICRDWNG_IIRYIHANGASIFILCYLHMVGRGIYGSYFTLET_NIGVILLFTVIATAFIGVVL_P_QGISF_GATVINILLASPIYGTISLVE_I_GGFSVDKATLTRFFAHFIFPEIIA
ALAVIHLFLHETGSMNPCTSSDQTKPFHPHYTKOILGALLLILALLLVLFPTDLLGDPRNYTPANLNPHPKPE_YFLFAYAILRSIPNKLGGVLALVSLTLILMLPLHSTKQSRMFRPFSQCLF_ILVANILLT_I_GGQVVEPHYITIGLASITYFLLILVLIPTASITENSLLK_R

[Done] exited with code=0 in 0.841 seconds

[Running] python -u "C:\Users\ACER\OneDrive\Documents\Dokumen Kuliah\Semester 5\Komputasi Biomedik\Tugas 3 DNA ke Asam Amino\FileFix\filogenetikTree.py"

[Done] exited with code=0 in 26.107 seconds
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Link Google Drive :

https://drive.google.com/drive/folders/1BG8SOGg4RwCp4MhIMJ8dpLhJ7JCb8WHD?usp=drive_link (Menggunakan Akun Unhas)