# Extended Data

The set of datasets downloaded from ENCODE which were used in our experiments are listed below.

| Group | Experiment | Library | Read 1 | Read 2 |
| --- | --- | --- | --- | --- |
| Eric Lécuyer. IRCM | ENCSR019MXZ | ENCLB475LVF | ENCFF943VGE.fastq.gz | ENCFF117MYH.fastq.gz |
|  | ENCSR019MXZ | ENCLB545YAL | ENCFF878ZZH.fastq.gz | ENCFF172FPW.fastq.gz |
|  | ENCSR541TIG | ENCLB788HAS | ENCFF969RUJ.fastq.gz | ENCFF448RSL.fastq.gz |
|  | ENCSR541TIG | ENCLB045OPB | ENCFF714MGS.fastq.gz | ENCFF675FVZ.fastq.gz |
|  | ENCSR931WGT | ENCLB644EBX | ENCFF792JEE.fastq.gz | ENCFF965XUK.fastq.gz |
|  | ENCSR931WGT | ENCLB716GPJ | ENCFF901DUO.fastq.gz | ENCFF397KFL.fastq.gz |
|  | ENCSR058OSL | ENCLB581UDH | ENCFF252KFX.fastq.gz | ENCFF629KRN.fastq.gz |
|  | ENCSR058OSL | ENCLB941KGI | ENCFF710WZN.fastq.gz | ENCFF952OLL.fastq.gz |
|  | ENCSR561FEE | ENCLB806KQR | ENCFF946VBP.fastq.gz | ENCFF982FAM.fastq.gz |
|  | ENCSR561FEE | ENCLB334PQC | ENCFF787PPA.fastq.gz | ENCFF564BSM.fastq.gz |
|  | ENCSR594NJP | ENCLB162VAK | ENCFF371XXS.fastq.gz | ENCFF117JQM.fastq.gz |
|  | ENCSR594NJP | ENCLB072OHO | ENCFF268OLN.fastq.gz | ENCFF664SCN.fastq.gz |
|  | ENCSR596ACL | ENCLB460RTX | ENCFF849CSO.fastq.gz | ENCFF828AJR.fastq.gz |
|  | ENCSR596ACL | ENCLB486WAD | ENCFF032FTT.fastq.gz | ENCFF628WME.fastq.gz |
|  | ENCSR530NHO | ENCLB278NDX | ENCFF261SZR.fastq.gz | ENCFF090QLI.fastq.gz |
|  | ENCSR530NHO | ENCLB538THW | ENCFF366XGE.fastq.gz | ENCFF290IRO.fastq.gz |
|  | ENCSR545DKY | ENCLB075GEK | ENCFF059IUV.fastq.gz | ENCFF104ZSG.fastq.gz |
|  | ENCSR545DKY | ENCLB365AUY | ENCFF628GUZ.fastq.gz | ENCFF695XOC.fastq.gz |
|  | ENCSR813BDU | ENCLB414HBO | ENCFF765REV.fastq.gz | ENCFF339UJI.fastq.gz |
|  | ENCSR813BDU | ENCLB555LNW | ENCFF232QKC.fastq.gz | ENCFF859AWY.fastq.gz |
|  | ENCSR887ZSY | ENCLB962WGJ | ENCFF902PAE.fastq.gz | ENCFF423KUF.fastq.gz |
|  | ENCSR887ZSY | ENCLB180MXK | ENCFF876UIT.fastq.gz | ENCFF567YOK.fastq.gz |
|  | ENCSR862HPO | ENCLB805ZYQ | ENCFF268FHH.fastq.gz | ENCFF888RBV.fastq.gz |
|  | ENCSR862HPO | ENCLB866JXA | ENCFF196RCZ.fastq.gz | ENCFF740UPF.fastq.gz |
|  | ENCSR061SFU | ENCLB476LNH | ENCFF417ZEN.fastq.gz | ENCFF646ZDN.fastq.gz |
|  | ENCSR061SFU | ENCLB765JDM | ENCFF802YBN.fastq.gz | ENCFF720EGG.fastq.gz |
|  | ENCSR181ZGR | ENCLB707CLT | ENCFF713MNU.fastq.gz | ENCFF478DZZ.fastq.gz |
|  | ENCSR181ZGR | ENCLB852SGS | ENCFF936SLY.fastq.gz | ENCFF446UEC.fastq.gz |
|  | ENCSR696YIB | ENCLB798NKH | ENCFF549JWM.fastq.gz | ENCFF923HGD.fastq.gz |
|  | ENCSR696YIB | ENCLB212NSR | ENCFF154VOX.fastq.gz | ENCFF119MRB.fastq.gz |
|  | ENCSR038WEK | ENCLB116UNI | ENCFF254KDQ.fastq.gz | ENCFF437NQW.fastq.gz |
|  | ENCSR038WEK | ENCLB754WAC | ENCFF080SFE.fastq.gz | ENCFF174HSJ.fastq.gz |
|  | ENCSR860DWK | ENCLB756NMR | ENCFF378KUR.fastq.gz | ENCFF843DDC.fastq.gz |
|  | ENCSR860DWK | ENCLB291DQQ | ENCFF763PZL.fastq.gz | ENCFF497VVX.fastq.gz |
|  | ENCSR885DVH | ENCLB728XIS | ENCFF267RKD.fastq.gz | ENCFF455VYN.fastq.gz |
|  | ENCSR885DVH | ENCLB381UET | ENCFF606ZTR.fastq.gz | ENCFF444KCV.fastq.gz |
|  | ENCSR384ZXD | ENCLB014EDA | ENCFF376BGG.fastq.gz | ENCFF661MQT.fastq.gz |
|  | ENCSR384ZXD | ENCLB758HRD | ENCFF966SGR.fastq.gz | ENCFF876TLM.fastq.gz |
|  | ENCSR040YBR | ENCLB873LMQ | ENCFF234ZAX.fastq.gz | ENCFF786CWY.fastq.gz |
|  | ENCSR040YBR | ENCLB645CDM | ENCFF716GIG.fastq.gz | ENCFF415QDZ.fastq.gz |
| Brenton Graveley, UConn | ENCSR844QNT | ENCLB755GKG | ENCFF191JPS.fastq.gz | ENCFF964YSU.fastq.gz |
|  | ENCSR844QNT | ENCLB205YQH | ENCFF903WCH.fastq.gz | ENCFF539KOW.fastq.gz |
|  | ENCSR511BNY | ENCLB128IHE | ENCFF531GGR.fastq.gz | ENCFF812EPK.fastq.gz |
|  | ENCSR511BNY | ENCLB517VKB | ENCFF500LRG.fastq.gz | ENCFF252ZKT.fastq.gz |
|  | ENCSR382QKD | ENCLB982ULD | ENCFF122FQG.fastq.gz | ENCFF981BLK.fastq.gz |
|  | ENCSR382QKD | ENCLB120PRS | ENCFF356IIN.fastq.gz | ENCFF201CLY.fastq.gz |
|  | ENCSR267RHP | ENCLB528WKB | ENCFF101BYW.fastq.gz | ENCFF960DSZ.fastq.gz |
|  | ENCSR267RHP | ENCLB568GQD | ENCFF959DSF.fastq.gz | ENCFF672NPU.fastq.gz |
|  | ENCSR416ZJH | ENCLB280WVM | ENCFF018JDZ.fastq.gz | ENCFF273CYL.fastq.gz |
|  | ENCSR416ZJH | ENCLB528JFY | ENCFF687PZS.fastq.gz | ENCFF616PSW.fastq.gz |
|  | ENCSR182GKG | ENCLB661HAY | ENCFF378OUM.fastq.gz | ENCFF906JJU.fastq.gz |
|  | ENCSR182GKG | ENCLB022WHC | ENCFF867EMI.fastq.gz | ENCFF009CEM.fastq.gz |
|  | ENCSR929PXS | ENCLB644YDC | ENCFF954NTL.fastq.gz | ENCFF958YTQ.fastq.gz |
|  | ENCSR929PXS | ENCLB516RRN | ENCFF531ZNM.fastq.gz | ENCFF233DRW.fastq.gz |
|  | ENCSR269SJB | ENCLB735CLH | ENCFF915KRE.fastq.gz | ENCFF274EDD.fastq.gz |
|  | ENCSR269SJB | ENCLB926FPG | ENCFF043TEG.fastq.gz | ENCFF200VYJ.fastq.gz |
|  | ENCSR610VTA | ENCLB762ASE | ENCFF067AQF.fastq.gz | ENCFF390FTP.fastq.gz |
|  | ENCSR610VTA | ENCLB400UBN | ENCFF337AXV.fastq.gz | ENCFF681WKG.fastq.gz |
|  | ENCSR619GAS | ENCLB294UXD | ENCFF653POC.fastq.gz | ENCFF895FLC.fastq.gz |
|  | ENCSR619GAS | ENCLB769OJJ | ENCFF533YPF.fastq.gz | ENCFF741QDA.fastq.gz |
|  | ENCSR032YMP | ENCLB402IYO | ENCFF743EKS.fastq.gz | ENCFF553PEN.fastq.gz |
|  | ENCSR032YMP | ENCLB395QPL | ENCFF352SRA.fastq.gz | ENCFF852RBO.fastq.gz |
|  | ENCSR118KUN | ENCLB826EYR | ENCFF975XQH.fastq.gz | ENCFF424OZB.fastq.gz |
|  | ENCSR118KUN | ENCLB498RQT | ENCFF475BKB.fastq.gz | ENCFF079NDM.fastq.gz |
|  | ENCSR118EFE | ENCLB779XQN | ENCFF872SLD.fastq.gz | ENCFF076BTH.fastq.gz |
|  | ENCSR118EFE | ENCLB200LRK | ENCFF766SOB.fastq.gz | ENCFF276SQQ.fastq.gz |
|  | ENCSR395HQT | ENCLB910IJD | ENCFF439JJL.fastq.gz | ENCFF423BGO.fastq.gz |
|  | ENCSR395HQT | ENCLB036CEZ | ENCFF275CAO.fastq.gz | ENCFF665YCB.fastq.gz |
|  | ENCSR866XLI | ENCLB620YWG | ENCFF864ZCE.fastq.gz | ENCFF058KBR.fastq.gz |
|  | ENCSR866XLI | ENCLB196YJS | ENCFF273GWA.fastq.gz | ENCFF062JZD.fastq.gz |
|  | ENCSR810FHY | ENCLB678TGU | ENCFF892SIK.fastq.gz | ENCFF941MVX.fastq.gz |
|  | ENCSR810FHY | ENCLB367CHS | ENCFF186PXP.fastq.gz | ENCFF949APM.fastq.gz |
|  | ENCSR034VBA | ENCLB926ODV | ENCFF312FGA.fastq.gz | ENCFF771FXY.fastq.gz |
|  | ENCSR034VBA | ENCLB258JXF | ENCFF903WQO.fastq.gz | ENCFF790GXP.fastq.gz |
|  | ENCSR281KCL | ENCLB128RUQ | ENCFF630XGP.fastq.gz | ENCFF724ZDB.fastq.gz |
|  | ENCSR281KCL | ENCLB465RMG | ENCFF240ANK.fastq.gz | ENCFF783KPS.fastq.gz |
|  | ENCSR978CSQ | ENCLB822BJU | ENCFF757COF.fastq.gz | ENCFF837PUC.fastq.gz |
|  | ENCSR978CSQ | ENCLB444JLX | ENCFF124SVA.fastq.gz | ENCFF603FOE.fastq.gz |
|  | ENCSR599PZD | ENCLB118LLJ | ENCFF678UNI.fastq.gz | ENCFF046RXR.fastq.gz |
|  | ENCSR599PZD | ENCLB196BVI | ENCFF273HGG.fastq.gz | ENCFF427SJZ.fastq.gz |
|  | ENCSR148UGK | ENCLB729NVA | ENCFF837BXN.fastq.gz | ENCFF361LFF.fastq.gz |
|  | ENCSR148UGK | ENCLB130SJA | ENCFF309DSM.fastq.gz | ENCFF212IXF.fastq.gz |
|  | ENCSR105NML | ENCLB951JHO | ENCFF255GEL.fastq.gz | ENCFF930LDL.fastq.gz |
|  | ENCSR105NML | ENCLB770SIK | ENCFF582GSM.fastq.gz | ENCFF299GUW.fastq.gz |
|  | ENCSR110HAA | ENCLB094CGB | ENCFF999OKL.fastq.gz | ENCFF428FIL.fastq.gz |
|  | ENCSR110HAA | ENCLB627VRC | ENCFF767DDJ.fastq.gz | ENCFF632VKY.fastq.gz |
|  | ENCSR543LCG | ENCLB015UEH | ENCFF474TNL.fastq.gz | ENCFF236VNZ.fastq.gz |
|  | ENCSR543LCG | ENCLB451CNT | ENCFF772HHV.fastq.gz | ENCFF731HPX.fastq.gz |
|  | ENCSR678WOA | ENCLB168FRX | ENCFF138BDU.fastq.gz | ENCFF690FNB.fastq.gz |
|  | ENCSR678WOA | ENCLB291LZT | ENCFF971KXV.fastq.gz | ENCFF089BZM.fastq.gz |
|  | ENCSR530BOP | ENCLB682EEI | ENCFF521FEX.fastq.gz | ENCFF943GON.fastq.gz |
|  | ENCSR530BOP | ENCLB314VYW | ENCFF026IDF.fastq.gz | ENCFF912NWF.fastq.gz |
|  | ENCSR902WSK | ENCLB562NRU | ENCFF652FFP.fastq.gz | ENCFF177ACE.fastq.gz |
|  | ENCSR902WSK | ENCLB576JOX | ENCFF483XPE.fastq.gz | ENCFF679KIM.fastq.gz |
|  | ENCSR048BWH | ENCLB795OFL | ENCFF015PIM.fastq.gz | ENCFF997NCB.fastq.gz |
|  | ENCSR048BWH | ENCLB012ERH | ENCFF893RDF.fastq.gz | ENCFF711RAQ.fastq.gz |
|  | ENCSR794NUE | ENCLB319SSU | ENCFF358VMZ.fastq.gz | ENCFF749XCZ.fastq.gz |
|  | ENCSR794NUE | ENCLB378OAI | ENCFF280ZKM.fastq.gz | ENCFF600KMB.fastq.gz |
|  | ENCSR721CNY | ENCLB412YOA | ENCFF656GCJ.fastq.gz | ENCFF992TJY.fastq.gz |
|  | ENCSR721CNY | ENCLB194GBS | ENCFF146ZTR.fastq.gz | ENCFF676ZXY.fastq.gz |
|  | ENCSR415DJT | ENCLB411TOM | ENCFF879JZQ.fastq.gz | ENCFF163EEW.fastq.gz |
|  | ENCSR415DJT | ENCLB127PMC | ENCFF279WFP.fastq.gz | ENCFF769DHO.fastq.gz |
|  | ENCSR721MXZ | ENCLB015ARF | ENCFF082HTI.fastq.gz | ENCFF444LJL.fastq.gz |
|  | ENCSR721MXZ | ENCLB259DIT | ENCFF719MPH.fastq.gz | ENCFF552MNU.fastq.gz |
|  | ENCSR898OPN | ENCLB824XXA | ENCFF257LEK.fastq.gz | ENCFF947AGV.fastq.gz |
|  | ENCSR898OPN | ENCLB674KGB | ENCFF055TWI.fastq.gz | ENCFF268LAZ.fastq.gz |
|  | ENCSR532ZPP | ENCLB802OBT | ENCFF282HYI.fastq.gz | ENCFF134KCP.fastq.gz |
|  | ENCSR532ZPP | ENCLB456FVF | ENCFF804EYQ.fastq.gz | ENCFF140PVV.fastq.gz |
|  | ENCSR807ODB | ENCLB429VYG | ENCFF195QQM.fastq.gz | ENCFF096LNJ.fastq.gz |
|  | ENCSR807ODB | ENCLB422LCZ | ENCFF824FVD.fastq.gz | ENCFF021TLE.fastq.gz |
|  | ENCSR713OLV | ENCLB620HPE | ENCFF933QDD.fastq.gz | ENCFF334BJT.fastq.gz |
|  | ENCSR713OLV | ENCLB374KMG | ENCFF189GFD.fastq.gz | ENCFF895BDK.fastq.gz |
|  | ENCSR296ERI | ENCLB173SSA | ENCFF559ZLS.fastq.gz | ENCFF495SUF.fastq.gz |
|  | ENCSR296ERI | ENCLB009YLS | ENCFF988WOT.fastq.gz | ENCFF853NIO.fastq.gz |
|  | ENCSR511SYK | ENCLB376AEJ | ENCFF866CST.fastq.gz | ENCFF404VZE.fastq.gz |
|  | ENCSR511SYK | ENCLB986ZDR | ENCFF846HDA.fastq.gz | ENCFF633SGL.fastq.gz |
|  | ENCSR535YPK | ENCLB193OXR | ENCFF379KXH.fastq.gz | ENCFF783RKF.fastq.gz |
|  | ENCSR535YPK | ENCLB957HFM | ENCFF657TEH.fastq.gz | ENCFF482OXE.fastq.gz |
|  | ENCSR843LYF | ENCLB416MCW | ENCFF114XOP.fastq.gz | ENCFF931IOG.fastq.gz |
|  | ENCSR843LYF | ENCLB387AAL | ENCFF624CYB.fastq.gz | ENCFF562JKQ.fastq.gz |
|  | ENCSR835RMN | ENCLB492NJH | ENCFF989BCC.fastq.gz | ENCFF191FFA.fastq.gz |
|  | ENCSR835RMN | ENCLB228IHV | ENCFF779LOY.fastq.gz | ENCFF069DZK.fastq.gz |
|  | ENCSR453HKS | ENCLB234FFX | ENCFF766GUZ.fastq.gz | ENCFF569JDC.fastq.gz |
|  | ENCSR453HKS | ENCLB647HVA | ENCFF052PAR.fastq.gz | ENCFF254DEP.fastq.gz |
|  | ENCSR372UWV | ENCLB259TZZ | ENCFF897FIU.fastq.gz | ENCFF214WSE.fastq.gz |
|  | ENCSR372UWV | ENCLB416FHC | ENCFF500PDO.fastq.gz | ENCFF708KQE.fastq.gz |
|  | ENCSR124KCF | ENCLB918JLJ | ENCFF691HLO.fastq.gz | ENCFF084DHZ.fastq.gz |
|  | ENCSR124KCF | ENCLB868FHV | ENCFF036XQB.fastq.gz | ENCFF756OXT.fastq.gz |
|  | ENCSR562CCA | ENCLB554HNJ | ENCFF944JKZ.fastq.gz | ENCFF815OVM.fastq.gz |
|  | ENCSR562CCA | ENCLB546PQT | ENCFF930IBV.fastq.gz | ENCFF834VEC.fastq.gz |
|  | ENCSR634KHL | ENCLB772VOI | ENCFF072XHS.fastq.gz | ENCFF128LJM.fastq.gz |
|  | ENCSR634KHL | ENCLB614RNR | ENCFF545AUF.fastq.gz | ENCFF075ACC.fastq.gz |
|  | ENCSR777EDL | ENCLB288FLH | ENCFF376EIQ.fastq.gz | ENCFF799FSS.fastq.gz |
|  | ENCSR777EDL | ENCLB384LKA | ENCFF798DTH.fastq.gz | ENCFF394RFA.fastq.gz |
|  | ENCSR047IUS | ENCLB130ONU | ENCFF577EOK.fastq.gz | ENCFF241DHX.fastq.gz |
|  | ENCSR047IUS | ENCLB911SLK | ENCFF698DQF.fastq.gz | ENCFF811KDI.fastq.gz |
|  | ENCSR152IWT | ENCLB038TTF | ENCFF056UJT.fastq.gz | ENCFF360ZPG.fastq.gz |
|  | ENCSR152IWT | ENCLB890VXO | ENCFF601DMJ.fastq.gz | ENCFF317XFU.fastq.gz |
|  | ENCSR116QBU | ENCLB015ZMU | ENCFF667PNW.fastq.gz | ENCFF037UWR.fastq.gz |
|  | ENCSR116QBU | ENCLB676KLE | ENCFF826NBM.fastq.gz | ENCFF534PRU.fastq.gz |
|  | ENCSR312SFA | ENCLB566PIS | ENCFF724OXW.fastq.gz | ENCFF424JYZ.fastq.gz |
|  | ENCSR312SFA | ENCLB513LII | ENCFF228IQM.fastq.gz | ENCFF699VTS.fastq.gz |
|  | ENCSR060IWW | ENCLB069LKF | ENCFF311TZW.fastq.gz | ENCFF058GKO.fastq.gz |
|  | ENCSR060IWW | ENCLB716EZT | ENCFF268SVX.fastq.gz | ENCFF038XRY.fastq.gz |
|  | ENCSR943LIB | ENCLB917OAO | ENCFF800JQI.fastq.gz | ENCFF410JCQ.fastq.gz |
|  | ENCSR943LIB | ENCLB628ZZW | ENCFF676WWN.fastq.gz | ENCFF682ZQP.fastq.gz |
|  | ENCSR067GHD | ENCLB604INW | ENCFF229VBF.fastq.gz | ENCFF178MWG.fastq.gz |
|  | ENCSR067GHD | ENCLB392MHJ | ENCFF773HLT.fastq.gz | ENCFF768JSC.fastq.gz |
|  | ENCSR384LKC | ENCLB287TCX | ENCFF761WMV.fastq.gz | ENCFF423NOE.fastq.gz |
|  | ENCSR384LKC | ENCLB338WPN | ENCFF704MDH.fastq.gz | ENCFF305QYC.fastq.gz |
|  | ENCSR746NIM | ENCLB315GOO | ENCFF507ZOO.fastq.gz | ENCFF256UZO.fastq.gz |
|  | ENCSR746NIM | ENCLB051LRI | ENCFF160TRI.fastq.gz | ENCFF795GAH.fastq.gz |
|  | ENCSR077BPR | ENCLB883OFC | ENCFF324TSF.fastq.gz | ENCFF417JZE.fastq.gz |
|  | ENCSR077BPR | ENCLB189QZQ | ENCFF108UUK.fastq.gz | ENCFF522HAI.fastq.gz |
|  | ENCSR192BPV | ENCLB456SMQ | ENCFF590OGG.fastq.gz | ENCFF893CWY.fastq.gz |
|  | ENCSR192BPV | ENCLB190YAP | ENCFF167GYS.fastq.gz | ENCFF483NVL.fastq.gz |
|  | ENCSR529MBZ | ENCLB479ITK | ENCFF911AOB.fastq.gz | ENCFF460HMV.fastq.gz |
|  | ENCSR529MBZ | ENCLB101LMZ | ENCFF728KNG.fastq.gz | ENCFF253TRI.fastq.gz |
|  | ENCSR380RRP | ENCLB288KTM | ENCFF269ORG.fastq.gz | ENCFF616TPY.fastq.gz |
|  | ENCSR380RRP | ENCLB291MHU | ENCFF405BUU.fastq.gz | ENCFF296KOG.fastq.gz |
|  | ENCSR995JMS | ENCLB288MWV | ENCFF592ZZR.fastq.gz | ENCFF306TVJ.fastq.gz |
|  | ENCSR995JMS | ENCLB034DMC | ENCFF230STX.fastq.gz | ENCFF634KSW.fastq.gz |
|  | ENCSR000SKS | ENCLB766IYQ | ENCFF827AVT.fastq.gz | ENCFF215ISD.fastq.gz |
|  | ENCSR000SKS | ENCLB353DAN | ENCFF540YPZ.fastq.gz | ENCFF589FWV.fastq.gz |
|  | ENCSR438MDN | ENCLB114RXE | ENCFF292YLK.fastq.gz | ENCFF629XES.fastq.gz |
|  | ENCSR438MDN | ENCLB101NSC | ENCFF845QQB.fastq.gz | ENCFF034YJI.fastq.gz |
|  | ENCSR845MNM | ENCLB734HEX | ENCFF293EYK.fastq.gz | ENCFF802SMQ.fastq.gz |
|  | ENCSR845MNM | ENCLB708RGH | ENCFF879NNR.fastq.gz | ENCFF980VES.fastq.gz |
|  | ENCSR594DNW | ENCLB340GSM | ENCFF603LXK.fastq.gz | ENCFF796TFA.fastq.gz |
|  | ENCSR594DNW | ENCLB876GVU | ENCFF993GUS.fastq.gz | ENCFF679MCW.fastq.gz |
|  | ENCSR896MMU | ENCLB419UML | ENCFF177CKM.fastq.gz | ENCFF143KLH.fastq.gz |
|  | ENCSR896MMU | ENCLB027HHT | ENCFF708SAL.fastq.gz | ENCFF594UTN.fastq.gz |
|  | ENCSR637EFF | ENCLB107QIU | ENCFF776HWW.fastq.gz | ENCFF313ADT.fastq.gz |
|  | ENCSR637EFF | ENCLB592HKX | ENCFF952VZE.fastq.gz | ENCFF926DZS.fastq.gz |
|  | ENCSR496ETJ | ENCLB991SXF | ENCFF525YRL.fastq.gz | ENCFF043BCI.fastq.gz |
|  | ENCSR496ETJ | ENCLB808TWB | ENCFF154HGX.fastq.gz | ENCFF682FAA.fastq.gz |
|  | ENCSR164MUK | ENCLB506NGI | ENCFF326WTJ.fastq.gz | ENCFF767QZM.fastq.gz |
|  | ENCSR164MUK | ENCLB962XBU | ENCFF273KVQ.fastq.gz | ENCFF751LOM.fastq.gz |
|  | ENCSR268XHM | ENCLB072UCR | ENCFF177UID.fastq.gz | ENCFF051UMI.fastq.gz |
|  | ENCSR268XHM | ENCLB697TUE | ENCFF641TDC.fastq.gz | ENCFF712MFS.fastq.gz |
|  | ENCSR599NNK | ENCLB696RSM | ENCFF510WUR.fastq.gz | ENCFF752GNB.fastq.gz |
|  | ENCSR599NNK | ENCLB185RVL | ENCFF912COC.fastq.gz | ENCFF828OZT.fastq.gz |
|  | ENCSR624XHG | ENCLB055EBL | ENCFF294QPX.fastq.gz | ENCFF378AUD.fastq.gz |
|  | ENCSR624XHG | ENCLB779CXX | ENCFF154YPK.fastq.gz | ENCFF649TZL.fastq.gz |
|  | ENCSR222ABK | ENCLB517LZB | ENCFF471KTZ.fastq.gz | ENCFF897YAS.fastq.gz |
|  | ENCSR222ABK | ENCLB712XUC | ENCFF097IXL.fastq.gz | ENCFF678IOI.fastq.gz |
|  | ENCSR466TGH | ENCLB385YIF | ENCFF048OSW.fastq.gz | ENCFF329XPN.fastq.gz |
|  | ENCSR466TGH | ENCLB280VKK | ENCFF400OPO.fastq.gz | ENCFF082HCX.fastq.gz |
|  | ENCSR346DZQ | ENCLB002ISL | ENCFF410BUA.fastq.gz | ENCFF569SVK.fastq.gz |
|  | ENCSR346DZQ | ENCLB920UKY | ENCFF261ZCZ.fastq.gz | ENCFF574DCO.fastq.gz |
|  | ENCSR538QOG | ENCLB862NUH | ENCFF077URG.fastq.gz | ENCFF909KFE.fastq.gz |
|  | ENCSR538QOG | ENCLB383KND | ENCFF924TZR.fastq.gz | ENCFF949KOY.fastq.gz |
|  | ENCSR076PMZ | ENCLB818MIA | ENCFF990LNB.fastq.gz | ENCFF648TGB.fastq.gz |
|  | ENCSR076PMZ | ENCLB472HTP | ENCFF611IYB.fastq.gz | ENCFF537EIB.fastq.gz |
|  | ENCSR364GRM | ENCLB447VDG | ENCFF327YPN.fastq.gz | ENCFF150UHB.fastq.gz |
|  | ENCSR364GRM | ENCLB954WOR | ENCFF244GPS.fastq.gz | ENCFF587DIQ.fastq.gz |
|  | ENCSR040WAK | ENCLB031PEX | ENCFF992IIL.fastq.gz | ENCFF488QAT.fastq.gz |
|  | ENCSR040WAK | ENCLB741WUL | ENCFF081MJU.fastq.gz | ENCFF080GES.fastq.gz |
|  | ENCSR139LOF | ENCLB194BVT | ENCFF701SBH.fastq.gz | ENCFF781MVI.fastq.gz |
|  | ENCSR139LOF | ENCLB915BOD | ENCFF896QFF.fastq.gz | ENCFF239MZX.fastq.gz |
|  | ENCSR355OQC | ENCLB615FGN | ENCFF824VKD.fastq.gz | ENCFF964IEU.fastq.gz |
|  | ENCSR355OQC | ENCLB058TGD | ENCFF139NPY.fastq.gz | ENCFF943RCH.fastq.gz |
|  | ENCSR231RKU | ENCLB023KAL | ENCFF013ZBD.fastq.gz | ENCFF144CLP.fastq.gz |
|  | ENCSR231RKU | ENCLB166ZLQ | ENCFF706QKU.fastq.gz | ENCFF741IAM.fastq.gz |
|  | ENCSR163JUC | ENCLB193ROP | ENCFF076EAI.fastq.gz | ENCFF478ILB.fastq.gz |
|  | ENCSR163JUC | ENCLB100WJC | ENCFF102NCM.fastq.gz | ENCFF875FRI.fastq.gz |
| Thomas Gingeras, CSHL | ENCSR586SYA | ENCLB778YTC | ENCFF556VCV.fastq.gz | ENCFF444CRZ.fastq.gz |
|  | ENCSR495HDM | ENCLB016VKQ | ENCFF971HLO.fastq.gz | ENCFF994FDH.fastq.gz |
|  | ENCSR858QEL | ENCLB464VVH | ENCFF281PBY.fastq.gz | ENCFF760KXM.fastq.gz |
|  | ENCSR106SZN | ENCLB196DEE | ENCFF884ZSS.fastq.gz | ENCFF908RHV.fastq.gz |
|  | ENCSR648OSR | ENCLB575RKD | ENCFF672VNI.fastq.gz | ENCFF500BAC.fastq.gz |
|  | ENCSR438YPF | ENCLB197GXK | ENCFF421LZH.fastq.gz | ENCFF613GRK.fastq.gz |
|  | ENCSR750ETS | ENCLB581IKK | ENCFF035HHL.fastq.gz | ENCFF897WFT.fastq.gz |
|  | ENCSR701TST | ENCLB643EVS | ENCFF714UWF.fastq.gz | ENCFF638FRV.fastq.gz |
|  | ENCSR425RGZ | ENCLB308EJA | ENCFF753DTZ.fastq.gz | ENCFF223QXV.fastq.gz |
|  | ENCSR839ZDH | ENCLB692XZA | ENCFF901BQL.fastq.gz | ENCFF460SWJ.fastq.gz |
|  | ENCSR182CBU | ENCLB275IVH | ENCFF091UZU.fastq.gz | ENCFF163DLM.fastq.gz |
|  | ENCSR150QJY | ENCLB425MPV | ENCFF463TUV.fastq.gz | ENCFF364IAX.fastq.gz |
|  | ENCSR071ZLM | ENCLB929UGW | ENCFF468EIW.fastq.gz | ENCFF093MHL.fastq.gz |
|  | ENCSR330UMQ | ENCLB546WAK | ENCFF567ORO.fastq.gz | ENCFF743QDT.fastq.gz |
|  | ENCSR434TEU | ENCLB483RUB | ENCFF268QLL.fastq.gz | ENCFF856BED.fastq.gz |
|  | ENCSR740YMS | ENCLB414WBQ | ENCFF612VIK.fastq.gz | ENCFF940WWE.fastq.gz |
|  | ENCSR954PZB | ENCLB102CKX | ENCFF884HRS.fastq.gz | ENCFF095SRY.fastq.gz |
|  | ENCSR954PZB | ENCLB325SDI | ENCFF855MDA.fastq.gz | ENCFF223ZRA.fastq.gz |
|  | ENCSR532LJV | ENCLB109UZW | ENCFF751LMQ.fastq.gz | ENCFF188LMP.fastq.gz |
|  | ENCSR532LJV | ENCLB637GXV | ENCFF151GUG.fastq.gz | ENCFF628TMU.fastq.gz |
|  | ENCSR035SKV | ENCLB442XEX | ENCFF610XMR.fastq.gz | ENCFF241TGO.fastq.gz |
|  | ENCSR276MMH | ENCLB033URW | ENCFF976PUJ.fastq.gz | ENCFF576RAC.fastq.gz |
|  | ENCSR276MMH | ENCLB879WXT | ENCFF911BTP.fastq.gz | ENCFF904VHM.fastq.gz |
|  | ENCSR351OTL | ENCLB275LRT | ENCFF038JEE.fastq.gz | ENCFF897TAN.fastq.gz |
|  | ENCSR429EWK | ENCLB093BKT | ENCFF150OQH.fastq.gz | ENCFF460GHU.fastq.gz |
|  | ENCSR429EWK | ENCLB952YYH | ENCFF661PVB.fastq.gz | ENCFF152GUK.fastq.gz |
|  | ENCSR094GVZ | ENCLB554PCH | ENCFF678UYJ.fastq.gz | ENCFF843WIP.fastq.gz |
|  | ENCSR354QPN | ENCLB726HDC | ENCFF585TOW.fastq.gz | ENCFF230GLF.fastq.gz |
|  | ENCSR800WIY | ENCLB214XDA | ENCFF122HNW.fastq.gz | ENCFF069KBE.fastq.gz |
|  | ENCSR379YAE | ENCLB426JGB | ENCFF353SPR.fastq.gz | ENCFF197MZY.fastq.gz |
|  | ENCSR379YAE | ENCLB387BDY | ENCFF030WXU.fastq.gz | ENCFF724FYF.fastq.gz |
|  | ENCSR837ZLY | ENCLB351PPD | ENCFF630XLI.fastq.gz | ENCFF915DYV.fastq.gz |
|  | ENCSR528ZKN | ENCLB317XOT | ENCFF250BPC.fastq.gz | ENCFF842DCO.fastq.gz |
|  | ENCSR853BNH | ENCLB011CNK | ENCFF307UCJ.fastq.gz | ENCFF387IXO.fastq.gz |
|  | ENCSR853BNH | ENCLB236RKR | ENCFF004CNM.fastq.gz | ENCFF086LCO.fastq.gz |
|  | ENCSR460YCS | ENCLB544ISA | ENCFF623WSO.fastq.gz | ENCFF728KPM.fastq.gz |
|  | ENCSR023ZXN | ENCLB002CRS | ENCFF072VKD.fastq.gz | ENCFF484BLA.fastq.gz |
|  | ENCSR023ZXN | ENCLB976GLA | ENCFF086TFZ.fastq.gz | ENCFF351OAS.fastq.gz |
|  | ENCSR857WJK | ENCLB743CLP | ENCFF153ULW.fastq.gz | ENCFF182OWD.fastq.gz |
|  | ENCSR321PGV | ENCLB678SEO | ENCFF431RAQ.fastq.gz | ENCFF008OVI.fastq.gz |
|  | ENCSR406SAW | ENCLB837IVL | ENCFF483NBR.fastq.gz | ENCFF226NNE.fastq.gz |
|  | ENCSR853WOM | ENCLB456EOR | ENCFF747OZB.fastq.gz | ENCFF882HMT.fastq.gz |
|  | ENCSR862RGX | ENCLB591IEN | ENCFF398KGB.fastq.gz | ENCFF058JYK.fastq.gz |
|  | ENCSR450BNZ | ENCLB561KXB | ENCFF914PVR.fastq.gz | ENCFF802JGP.fastq.gz |
|  | ENCSR812AKX | ENCLB490FBP | ENCFF326CGI.fastq.gz | ENCFF663VCC.fastq.gz |
|  | ENCSR485WBR | ENCLB816BDO | ENCFF003AXA.fastq.gz | ENCFF852QEA.fastq.gz |
|  | ENCSR510MIA | ENCLB736YFJ | ENCFF246QAD.fastq.gz | ENCFF412GSM.fastq.gz |
|  | ENCSR344MQK | ENCLB270TKT | ENCFF961NRE.fastq.gz | ENCFF531RII.fastq.gz |
|  | ENCSR344MQK | ENCLB270TKT | ENCFF618HGK.fastq.gz | ENCFF555GLO.fastq.gz |
|  | ENCSR436QDU | ENCLB327BGU | ENCFF781VGS.fastq.gz | ENCFF466ZAS.fastq.gz |
|  | ENCSR653ZJF | ENCLB373HEH | ENCFF411UIT.fastq.gz | ENCFF992NAN.fastq.gz |
|  | ENCSR194HVU | ENCLB990KQA | ENCFF455UMQ.fastq.gz | ENCFF361OLP.fastq.gz |
|  | ENCSR796HLX | ENCLB478GSY | ENCFF534AYT.fastq.gz | ENCFF935LBC.fastq.gz |
|  | ENCSR504NIU | ENCLB439GZV | ENCFF460GEN.fastq.gz | ENCFF222EUQ.fastq.gz |
|  | ENCSR296PMS | ENCLB916YCI | ENCFF878UMC.fastq.gz | ENCFF438GBR.fastq.gz |
|  | ENCSR238ZZD | ENCLB463XDK | ENCFF719MSG.fastq.gz | ENCFF120MML.fastq.gz |
|  | ENCSR238ZZD | ENCLB463XDK | ENCFF337ZBN.fastq.gz | ENCFF481IQE.fastq.gz |
|  | ENCSR900SGE | ENCLB088AOF | ENCFF808HOD.fastq.gz | ENCFF125CWM.fastq.gz |
|  | ENCSR098BUF | ENCLB159BNG | ENCFF628HZS.fastq.gz | ENCFF360VAJ.fastq.gz |
|  | ENCSR042GYH | ENCLB038BJJ | ENCFF017FUT.fastq.gz | ENCFF856QRO.fastq.gz |
|  | ENCSR708VVE | ENCLB627TOE | ENCFF667CWY.fastq.gz | ENCFF360KZB.fastq.gz |
|  | ENCSR257NIR | ENCLB833ZLW | ENCFF404WDI.fastq.gz | ENCFF896HPA.fastq.gz |
|  | ENCSR080HPT | ENCLB848VDG | ENCFF741UDQ.fastq.gz | ENCFF931KBF.fastq.gz |
|  | ENCSR719PXC | ENCLB313RZG | ENCFF607IES.fastq.gz | ENCFF444VMO.fastq.gz |
|  | ENCSR671WMH | ENCLB026NLN | ENCFF665BAC.fastq.gz | ENCFF745QMZ.fastq.gz |
|  | ENCSR158KFO | ENCLB851XPG | ENCFF923TZD.fastq.gz | ENCFF958CQL.fastq.gz |
|  | ENCSR609NZM | ENCLB669XXD | ENCFF173AFN.fastq.gz | ENCFF054KNM.fastq.gz |
|  | ENCSR841ADZ | ENCLB024MDB | ENCFF609SCM.fastq.gz | ENCFF454PGN.fastq.gz |
|  | ENCSR029KNZ | ENCLB611FHB | ENCFF140UYT.fastq.gz | ENCFF794EAB.fastq.gz |
|  | ENCSR029KNZ | ENCLB611FHB | ENCFF959BUF.fastq.gz | ENCFF256AHC.fastq.gz |
|  | ENCSR801MKV | ENCLB864EZB | ENCFF423RWS.fastq.gz | ENCFF145QCK.fastq.gz |
|  | ENCSR146LBD | ENCLB757UWS | ENCFF176RQH.fastq.gz | ENCFF147FWX.fastq.gz |
|  | ENCSR802HPM | ENCLB272RXA | ENCFF294NNJ.fastq.gz | ENCFF283QEY.fastq.gz |
|  | ENCSR991HIR | ENCLB253MPS | ENCFF732GVX.fastq.gz | ENCFF235JEO.fastq.gz |
|  | ENCSR671IYC | ENCLB538OCX | ENCFF517RES.fastq.gz | ENCFF285HWP.fastq.gz |
|  | ENCSR450ENK | ENCLB958TEH | ENCFF326EWR.fastq.gz | ENCFF439NKG.fastq.gz |
|  | ENCSR094VRQ | ENCLB226IQQ | ENCFF767QVV.fastq.gz | ENCFF050GYP.fastq.gz |
|  | ENCSR967JPI | ENCLB257CMY | ENCFF139SHO.fastq.gz | ENCFF825PCO.fastq.gz |
|  | ENCSR687HJY | ENCLB892JFI | ENCFF711JSM.fastq.gz | ENCFF355UJC.fastq.gz |
|  | ENCSR687HJY | ENCLB892JFI | ENCFF415QZI.fastq.gz | ENCFF912BRJ.fastq.gz |
|  | ENCSR480SLD | ENCLB504OXA | ENCFF284BGW.fastq.gz | ENCFF764BLJ.fastq.gz |
|  | ENCSR108MAU | ENCLB397AMI | ENCFF969DGM.fastq.gz | ENCFF917OEC.fastq.gz |
|  | ENCSR630VJN | ENCLB584WWI | ENCFF411WXY.fastq.gz | ENCFF543BVT.fastq.gz |
|  | ENCSR827IXS | ENCLB666FJO | ENCFF064HEH.fastq.gz | ENCFF658BPQ.fastq.gz |
|  | ENCSR474TRG | ENCLB561LCS | ENCFF900BSQ.fastq.gz | ENCFF184XUR.fastq.gz |
|  | ENCSR313COD | ENCLB381WRT | ENCFF719YBM.fastq.gz | ENCFF801ZKX.fastq.gz |
|  | ENCSR620LQN | ENCLB391TZJ | ENCFF757RIO.fastq.gz | ENCFF895LSY.fastq.gz |
|  | ENCSR544SAU | ENCLB979JEG | ENCFF667RSP.fastq.gz | ENCFF891NXQ.fastq.gz |
|  | ENCSR471RUK | ENCLB005GBM | ENCFF741NGG.fastq.gz | ENCFF582ILA.fastq.gz |
|  | ENCSR752UNJ | ENCLB580LKL | ENCFF896MIZ.fastq.gz | ENCFF903QYP.fastq.gz |
|  | ENCSR226KML | ENCLB139JXN | ENCFF906OKN.fastq.gz | ENCFF483AGL.fastq.gz |
|  | ENCSR645TCG | ENCLB811ZXD | ENCFF232YFL.fastq.gz | ENCFF933AEB.fastq.gz |
|  | ENCSR504QMK | ENCLB381PQE | ENCFF381FTA.fastq.gz | ENCFF151LEE.fastq.gz |
|  | ENCSR571RXE | ENCLB471FWT | ENCFF350HMV.fastq.gz | ENCFF112LHQ.fastq.gz |
|  | ENCSR457ENP | ENCLB789RBC | ENCFF855TSM.fastq.gz | ENCFF971MYL.fastq.gz |
|  | ENCSR551NII | ENCLB379JUW | ENCFF052TFM.fastq.gz | ENCFF446HCJ.fastq.gz |
|  | ENCSR113HQM | ENCLB030AMW | ENCFF208XMO.fastq.gz | ENCFF141YVJ.fastq.gz |
|  | ENCSR391VGU | ENCLB273VNM | ENCFF731CDK.fastq.gz | ENCFF429YOS.fastq.gz |
|  | ENCSR678TMV | ENCLB468MFC | ENCFF660SLV.fastq.gz | ENCFF751QEC.fastq.gz |
|  | ENCSR272UNO | ENCLB966RBB | ENCFF640ENZ.fastq.gz | ENCFF775AKZ.fastq.gz |
|  | ENCSR403SZN | ENCLB364ORB | ENCFF097YEA.fastq.gz | ENCFF593EMI.fastq.gz |
|  | ENCSR729CAZ | ENCLB919SXV | ENCFF745PTG.fastq.gz | ENCFF824ZLA.fastq.gz |
|  | ENCSR754WLW | ENCLB890GOC | ENCFF378NQQ.fastq.gz | ENCFF107OTF.fastq.gz |