


58. Qiao D, Yip WK, Lange C. **Handling the data management needs of high-throughput sequencing data: SpeedGene, a compression algorithm for the efficient storage of genetic data.** BMC Bioinformatics 2012; 13:100. PMID: 22591016, PMC3434015. [http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3434015](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3434015)


77. Schroeder JD, McKenzie AS, Zach JA, Wilson CG, Curran-Everett D, Stinson DS, Newell JD Jr, Lynch DA. *Relationships between airflow obstruction and quantitative CT measurements of emphysema, air trapping and airways in*


87. Bowler RP, Bahr T, Hughes G, Lutz S, Kim YI, Coldren CD, Residorph N, Kechriss KJ. Integrative omics approach identifies interleukin-16 as a biomarker of
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3837437

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3892690

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3977717

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3898761

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4176924

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4028741

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3943716


and COPDGene Investigators. **A genome-wide association study of emphysema and airway quantitative imaging phenotypes.** Am J Respir Crit Care Med 2015 Sep 1; 192(5):559-569. PMID: 26030696, PMC4595690. [http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4595690/](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4595690/)


156. Fenster BE, Holm KE, Weinberger HD, Moreau KL, Meschede K, Crapo JD, Make BJ, Bowler RP, Wamboldt FS, Hoth KF. **Right ventricular diastolic function and**


https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5310933/

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5110399/

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5131397/

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5340208/

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5215031/

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5248961/

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5096977/


262. Hecker J, Xu X, Townes FW, Loehlein Fier H, Corcoran C, Laird N, Lange C. **Family-based tests for associating haplotypes with general phenotype data: Improving the FBAT-haplotype algorithm.** Genet Epidemiol 2018 Feb; 42(1):123-126. PMID:


277. Lynch DA, Moore CM, Wilson CS, Nevrekar D, Jennerman T, Humphries SM, Austin JHM, Grenier PA, Kauczor HU, Han MK, Regan EA, Make BJ, Bowler RP, Beaty TH,