

This data dictionary is for the NCT00046930-D2 dataset. These data are presented in PMID 37407550, which is a correction to PMID 36151075.

Data can be used to approximate published study findings, but exact reproduction of previous manuscripts may not be possible in some cases (e.g., when data must be modified for deidentification purposes or have undergone further data cleaning).

Note: For all variables, the notation “NA” refers to data missing/unknown

Variables in this dataset that contain limited high-dimensional “omic” data are provided in addition to the clinical data in an “as-is” state without all the same quality-control procedures that are performed on the clinical data by the NCTN/NCORP Data Archive. It may not be possible to fully reproduce the results of the genomic analyses included in the publication. For example, the “omic” data provided may be a subset of the data used in the publication or may not reflect certain aspects of the data processing.

Variable	Description/coding	Data type	Note
ID	unique patient identifier	number	
event11q23	cytogenetic event involving the chromosome 11q23 region: 1 = yes; 0 = no	number	
gain8	Gain chromosome 8: 1 = yes; 0 = no	number	
Complex	Complex cytogenetics: 1 = yes; 0 = no	number	Defined based on criteria in ELN 2017 (Döhner, et al. Blood 2017)
Del_17_or_17p_abn	Deletion of chromosome 17 or abnormality in chromosome 17(p) region: 1 = yes; 0 = no	number	
Del_5	Deletion of chromosome 5: 1 = yes; 0 = no	number	

Del_5q	Deletion of chromosome 5(q) region: 1 = yes; 0 = no	number	
Del_7	Deletion of chromosome 7: 1 = yes; 0 = no	number	
Del_7q	Deletion of chromosome 7(q) region: 1 = yes; 0 = no	number	
Inv_16	Inversion of chromosome 16: 1 = yes; 0 = no	number	Defined based on criteria in ELN 2017 (Döhner, et al. Blood 2017)
Inv_3_or_t_3_3	Inversion of chromosome 3 or translocation (3;3): 1 = yes; 0 = no	number	Defined based on criteria in ELN 2017 (Döhner, et al. Blood 2017)
NCG	Normal cytogenetics: 1 = yes; 0 = no	number	
Other	Cytogenetic event other than all other events annotated: 1 = yes; 0 = no	number	
Other_chr5_abnl	Cytogenetic event on chromosome 5 other than del(5) and del(5)q: 1 = yes; 0 = no	number	
Other_chr7_abnl	Cytogenetic event on chromosome 7 other than del(7) and del(7)q: 1 = yes; 0 = no	number	
t_8_21	Translocation (8;21): 1 = yes; 0 = no	number	Defined based on criteria in ELN 2017 (Döhner, et al. Blood 2017)

t_9_11_or_t_v_11	Translocation (9;11) or a KMT2A rearrangement (t(v;11)): 1 = yes; 0 = no	number	Defined based on criteria in ELN 2017 (Döhner, et al. Blood 2017)
t_9_22	Translocation (9;22): 1 = yes; 0 = no	number	Defined based on criteria in ELN 2017 (Döhner, et al. Blood 2017)
TP53_aneuploidy	Either <i>TP53</i> mutation, complex karyotype and/or chromosomal aneuploidies: 1 = yes; 0 = no	number	Defined based on criteria in Papaemmanuil and Gerstung, et al. NEJM 2016: Supplementary Appendix A3.4 Class assignment

References:

Döhner H, Estey E, Grimwade D, Amadori S, Appelbaum FR, Büchner T, Dombret H, Ebert BL, Fenaux P, Larson RA, Levine RL, Lo-Coco F, Naoe T, Niederwieser D, Ossenkoppele GJ, Sanz M, Sierra J, Tallman MS, Tien HF, Wei AH, Löwenberg B, Bloomfield CD. Diagnosis and management of AML in adults: 2017 ELN recommendations from an international expert panel. *Blood*. 2017 Jan 26;129(4):424-447. doi: 10.1182/blood-2016-08-733196. Epub 2016 Nov 28. PMID: 27895058; PMCID: PMC5291965.

Papaemmanuil E, Gerstung M, Bullinger L, Gaidzik VI, Paschka P, Roberts ND, Potter NE, Heuser M, Thol F, Bolli N, Gundem G, Van Loo P, Martincorena I, Ganly P, Mudie L, McLaren S, O'Meara S, Raine K, Jones DR, Teague JW, Butler AP, Greaves MF, Ganser A, Döhner K, Schlenk RF, Döhner H, Campbell PJ. Genomic Classification and Prognosis in Acute Myeloid Leukemia. *N Engl J Med*. 2016 Jun 9;374(23):2209-2221. doi: 10.1056/NEJMoa1516192. PMID: 27276561; PMCID: PMC4979995.