New Download files (Beta) : Change Log

File package
Main changes
List of column changes

8) Cosmic_CompleteCNA_v98_GRCh37.tsv
File package
Main changes
List of column changes

9) Cosmic_CompleteDifferentialMethylation_v98_GRCh37.tsv
File package
Main changes
List of column changes

10) Cosmic_CompleteGeneExpression_v98_GRCh37.tsv
File package
Main changes
List of column changes

11) Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.tsv
File package
Main changes
List of column changes

12) Cosmic_Fusion_v98_GRCh37.tsv
File package
Main changes
List of column changes

13) Cosmic_GenomeScreensMutant_v98_GRCh37.tsv
File package
Main changes
List of column changes

14) Cosmic_MutantCensus_v98_GRCh37.tsv
File package
Main changes
List of column changes

15) Cosmic_MutationTracking_v98_GRCh37.tsv
File package
Main changes
List of column changes

16) Cosmic_NonCodingVariants_v98_GRCh37.tsv
- File package
- Main changes
- List of column changes

17) Cosmic_ResistanceMutations_v98_GRCh37.tsv
- File package
- Main changes
- List of column changes

18) Cosmic_Sample_v98_GRCh37.tsv
- File package
- Main changes
- List of column changes

19) Cosmic_StructuralVariants_v98_GRCh37.tsv
- File package
- Main changes
- List of column changes

20) Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.vcf
- File packages
- Main changes

21) Cosmic_GenomeScreensMutant_v98_GRCh37.vcf
- File packages
- Main changes

22) Cosmic_NonCodingVariants_v98_GRCh37.vcf
- File packages
- Main changes

23) CellLinesProject_CompleteCNA_v98_GRCh37.tsv
- File package

24) CellLinesProject_CompleteGeneExpression_v98_GRCh37.tsv
- File package

25) CellLinesProject_GenomeScreensMutant_v98_GRCh37.tsv
- File package

26) CellLinesProject_MutationTracking_v98_GRCh37.tsv
- File package

27) CellLinesProject_NonCodingVariants_v98_GRCh37.tsv
File package

28) CellLinesProject_RawGeneExpression_v98_GRCh37.tsv
File package

29) CellLinesProject_Sample_v98_GRCh37.tsv
File package

30) CellLinesProject_GenomeScreensMutant_v98_GRCh37.vcf
File packages

31) CellLinesProject_NonCodingVariants_v98_GRCh37.vcf
File packages

32) Actionability_AllData_v8_GRCh38.tsv
File packages

33) CancerMutationCensus_AllData_v98_GRCh38.tsv
File packages

Main changes

- Download file naming convention is now **[Project]_[Filename]_v98_GRCh[assembly].[format].gz**. For example **CosmicCompleteCNA.GRCh37.97.tsv.gz** and **CosmicCLP_CompleteCNA.GRCh37.97.tsv.gz** have become **Cosmic_CompleteCNA_v98_GRCh37.tsv.gz** and **CellLinesProject_CompleteCNA_v98_GRCh37.tsv.gz**
- The final download file is now a tar file containing both the download file and its associated README. For example **Cosmic_CompleteCNA_v98_GRCh37.tsv.gz** is packaged with **REAME_CompleteCNA_v98_GRCh37.txt** into the file **Cosmic_CompleteCNA_Tsv_v98_GRCh37.tar**
- **Cosmic_Fusion**: Added 5' and 3' gene symbol and Transcript accession for negatives. Also for positive data without coordinates. This is to avoid users to join to targettedscreenmutant to get the negatives gene sets
- **CosmicMutantExport** deprecated, this data is duplicated and time consuming to generate. This is replaced by **Cosmic_GenomeScreensMutant** and **Cosmic_CompleteTargetedScreensMutant** (excluding negative data, meaning no genomic data in the MUTATION_GENOME_POSITION column)
- **Cosmic_MutationTracking** now contains all the legacy_mutation_id instead of a representative (minimum ids between multiple) and also non-coding mutations. File

also only contains mutations linked to released samples and studies to be consistent with other mutation files. New files contain millions of extra COSV linked to COSN/COSM ids that don't exist in current retrofit because some extra filtering exists in the current file.
- **COSMIC_Genes** now properly formatted FASTA file using the Python Bio.SeqIO library
- All the classification column in all the files have been removed, replaced with COSO id to connect to the classification file
- All files are tsv.gz and follow the naming convention with Assembly version and cosmic release version, e.g: **Cosmic_Fusion_v98_GRCh37.tsv.gz**
- Renamed **COSMICNCV.tsv.gz** to **Cosmic_NonCodingVariants_v98_GRCh37.tsv.gz** for consistency
- Classification file only contains type 2 data for now until type 1 get fixed in curation
- **Cosmic_NonCodingVariants_v98_GRCh37.vcf** now includes Complex - compound substitution (id_mut_type=29)
- **CosmicCodingMuts.vcf** has been split into two files **Cosmic_GenomeScreensMutant_v98_GRCh37.vcf** and **Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.vcf**. Mutations with samples in both targeted and genome screens have been added to the genome screens file only to avoid duplication.
- **CosmicHGNC** has been replaced with **Cosmic_Gene** file
- Files column names are now matching database table column names (no spaces or special characters
- CLP files are matching COSMIC files (same column, same naming)
- Chromosome 25 has been replaced with MT to be consistent with 23,24 being X,Y
- Chromosome 23,24 are now X,Y in all download files for consistency

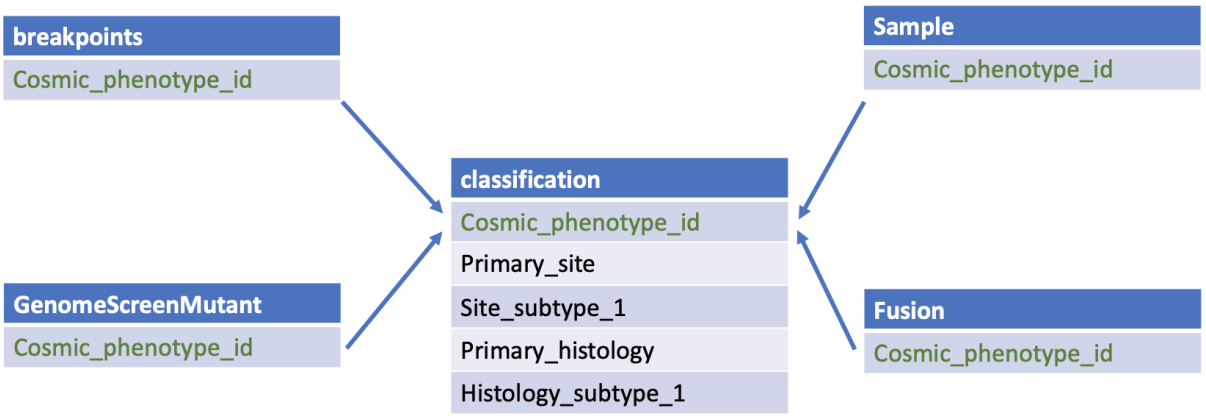
Missing data

Currently missing data:

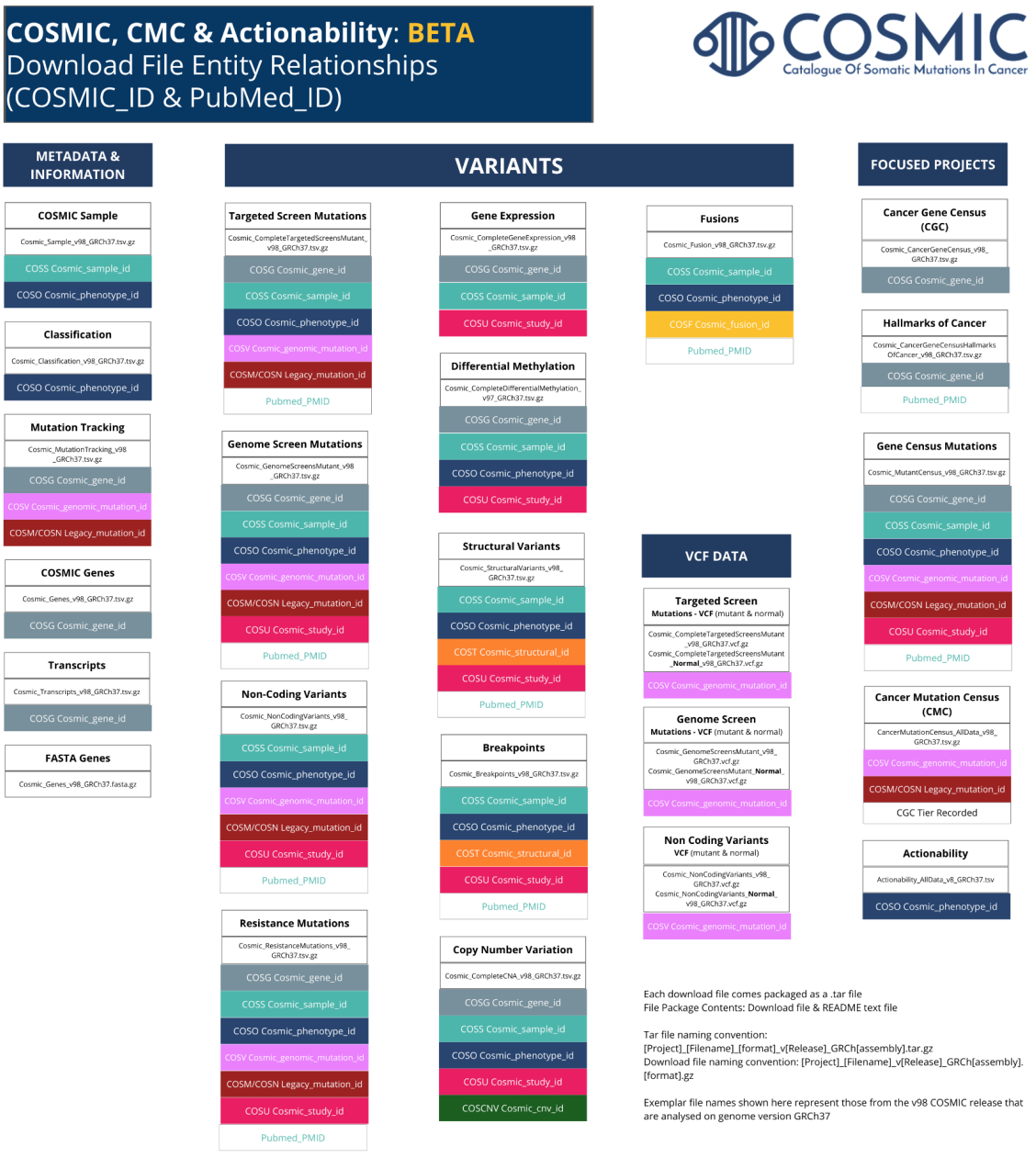
- **Mutation_somatic_status** column in the following files:
    - **Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.tsv**
    - **Cosmic_GenomeScreensMutant_v98_GRCh37.tsv**
    - **Cosmic_NonCodingVariants_v98_GRCh37.tsv**
- Following columns in **Cosmic_Sample_v98_GRCh37.tsv**
    - THERAPY_RELATIONSHIP
    - SAMPLE_DIFFERENTIATOR
    - MUTATION_ALLELE_SPECIFICATION
    - MSI
    - AVERAGE_PLOIDY
    - SAMPLE_REMARK
    - DRUG_RESPONSE
    - GRADE
    - AGE_AT_TUMOUR_RECURRENCE
    - STAGE
    - CYTOGENETICS

- METASTATIC_SITE
- TUMOUR_REMARK
- AGE
- ETHNICITY
- ENVIRONMENTAL_VARIABLES
- GERMLINE_MUTATION
- THERAPY
- FAMILY
- INDIVIDUAL_REMARK

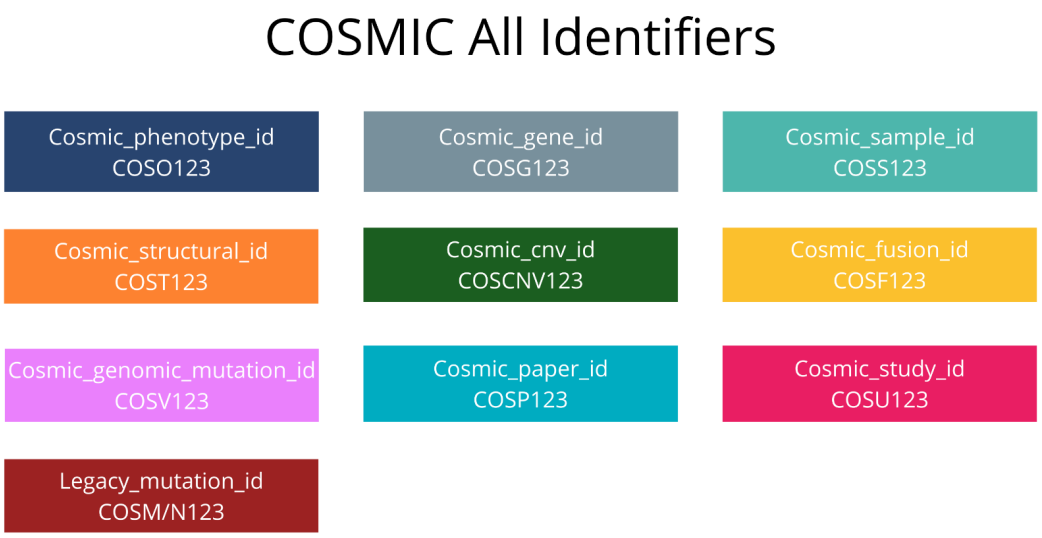
How to connect files together using new identifiers



Entity Relationship Diagram



List of COSMIC identifiers



Complete list of new download files changes

1) Cosmic_Classification_v98_GRCh37.tsv

File package

Cosmic_Classification_Tsv_v98_GRCh37.tar contains:

- Cosmic_Classification_v98_GRCh37.tsv.gz
- README_Cosmic_Classification_v98_GRCh37.txt

Main changes

- Format changed from CSV (comma separated) to TSV (tab separated)
- Type 1 (cosmic classification) has been removed from the file to be in sync with website and other download files
- The file is now smaller because of the type 1 removal

List of column changes

Current file	New file	Changes	Example data
COSMIC_PHENOTYPE_ID	COSMIC_PHENOTYPE_ID	COSO id (tum_class_link.id_site_class + tum_class_link.id_hist_class)	COSO36286727
SITE_PRIMARY	PRIMARY_SITE		thyroid
SITE_SUBTYPE1	SITE_SUBTYPE_1		NS
SITE_SUBTYPE2	SITE_SUBTYPE_2		NS
SITE_SUBTYPE3	SITE_SUBTYPE_3		carcinoma
HISTOLOGY	PRIMARY_HISTOLOGY		papillary_carcinoma
HIST_SUBTYPE1	HISTOLOGY_SUBTYPE_1		papillary_carcinoma
HIST_SUBTYPE2	HISTOLOGY_SUBTYPE_2		follicular_variant
HIST_SUBTYPE3	HISTOLOGY_SUBTYPE_3		NS
SITE_PRIMARY_COSMIC			
SITE_SUBTYPE1_COSMIC			
SITE_SUBTYPE2_COSMIC			
SITE_SUBTYPE3_COSMIC			
HISTOLOGY_COSMIC			
HIST_SUBTYPE1_COSMIC			
HIST_SUBTYPE2_COSMIC			
HIST_SUBTYPE3_COSMIC			

NCI_CODE	NCI_CODE		C7381
EFO	EFO		http://www.ebi.ac.uk/efo/EFO_1000261

2) Cosmic_Transcripts_v98_GRCh37.tsv

File package

Cosmic_Transcripts_Tsv_v98_GRCh37.tar contains:

- Cosmic_Transcripts_v98_GRCh37.tsv.gz
- README_Cosmic_Transcripts_v98_GRCh37.txt

Main changes

- File now contains all the transcript but we have a canonical and biotype flag
- File can be connected to the new CosmicGenes file using COSMIC_GENE_ID

List of column changes

Current file	New file	Changes	Example data
GENE_ID			
TRANSCRIPT_ID	TRANSCRIPT_ACCESSION	Transcript accession+version	ENST00000394810.2
	COSMIC_GENE_ID	COSG+id_gene	COSG11842
GENE_NAME		Now in gene file	
STRAND	STRAND		-1
	BIOTYPE		protein_coding
	IS_CANONICAL		y

3) Cosmic_Genes_v98_GRCh37.tsv (replacing CosmicHGNC)

File package

Cosmic_Genes_Tsv_v98_GRCh37.tar contains:

- Cosmic_Genes_v98_GRCh37.tsv.gz
- README_Cosmic_Genes_v98_GRCh37.txt

Main changes

- Contains all the ENSG genes
- File previously called CosmicHGNC.tsv

List of column changes

Current file	New file	changes	Example data
COSMIC_ID	COSMIC_GENE_ID	COSG+id_gene	COSG42652
COSMIC_GENE_NAME	GENE_SYMBOL		BRCA2
	GENE_ACCESSION	ENSG + version	ENSG00000139618.10
ENTREZ_ID	ENTREZ_ID		675
HGNC_ID	HGNC_ID		1101
Mutated?		Value was always 'y'	
Cancer_census?	IN_CANCER_CENSUS		y
Expert_Curated?	IS_EXPERT_CURATED		y

4) Cosmic_Genes_v98_GRCh37.fasta

File package

Cosmic_Genes_Fasta_v98_GRCh37.tar contains:

- Cosmic_Genes_v98_GRCh37.fasta.gz
- README_Cosmic_Genes_v98_GRCh37.txt

Main changes

- Using proper FASTA library so following standards
- Sequence is now uppercase

- Transcript accession now contains the version

List of column changes

Current file	New file	Changes
GENE_NAME	GENE_SYMBOL	
TRANSCRIPT_ID	TRANSCRIPT_ACCESSION	Transcript accession+version
CHROMOSOME	CHROMOSOME	
CHR_START	CHR_START	
CHR_END	CHR_END	
STRAND	STRAND	
TRANSCRIPT_CDS_SEQUENCE	TRANSCRIPT_CDS_SEQUENCE	

Example data:

>OR4F5 ENST00000335137.3 1:69091-70008(+)
ATGGTGACTGAATTCATTTTTCTGGGTCTCTCTGATTCTCAGGAACTCCAGACCTTCCTA
TTTATGTTGTTTTTTGTATTCTATGGAGGAATCGTGTTTGGAAACCTTCTTATTGTCATA

5) Cosmic_CancerGeneCensusHallmarksOfCancer_v98_GRCh37.tsv

File package

Cosmic_CancerGeneCensusHallmarksOfCancer_Tsv_v98_GRCh37.tar contains:

- Cosmic_CancerGeneCensusHallmarksOfCancer_v98_GRCh37.tsv.gz
- README_Cosmic_CancerGeneCensusHallmarksOfCancer_v98_GRCh37.txt

Main changes

- Rename gene name column for consistency
- Added cosmic_gene_id to link to the Gene file

List of column changes

Current file	New file	Changes	Example data
GENE_NAME	GENE_SYMBOL		ABI1
	COSMIC_GENE_ID	COSG+id_gene	COSG5120
CELL_TYPE	CELL_TYPE		hepatocellular carcinoma
PUBMED_PMID	PUBMED_PMID		28339046

HALLMARK	HALLMARK		role in cancer
IMPACT	IMPACT		oncogene
DESCRIPTION	DESCRIPTION		oncogene
CELL_LINE	CELL_LINE		HepG2 and MHCC97H

6) Cosmic_Breakpoints_v98_GRCh37.tsv

File package

Cosmic_Breakpoints_Tsv_v98_GRCh37.tar contains:

- Cosmic_Breakpoints_v98_GRCh37.tsv.gz
- README_Cosmic_Breakpoints_v98_GRCh37.txt

Main changes

- Added new identifier ids to connect to sample, mutation, classification and study files

List of column changes

Current file	New file	changes	Example data
SAMPLE_NAME	SAMPLE_NAME		PD4107a
ID_SAMPLE	COSMIC_SAMPLE_ID	COSS + id_sample	COSS1317049
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO28395278
MUTATION_ID	COSMIC_STRUCTURAL_ID	COST[ID_STRUCT_MUT]	COST25748
MUTATION_TYPE	MUTATION_TYPE		intrachromosomal tandem duplication
ID_TUMOUR			
PRIMARY_SITE		In classification file	
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYPE_1			

HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
BREAKPOINT_ORDER		empty column	
GRCH		Removed since it's now in the file name	
CHROM_FROM	CHROM_FROM		22
LOCATION_FROM_MIN	LOCATION_FROM_MIN		29815139
LOCATION_FROM_MAX	LOCATION_FROM_MAX		29815139
STRAND_FROM	STRAND_FROM		-
CHROM_TO	CHROM_TO		22
LOCATION_TO_MIN	LOCATION_TO_MIN		30698769
LOCATION_TO_MAX	LOCATION_TO_MAX		30698769
STRAND_TO	STRAND_TO		-
NON_TEMPLATED_INS_SEQ	NON_TEMPLATED_INS_SEQ		CAG
PUBMED_PMID	PUBMED_PMID		22722201
ID_STUDY	COSMIC_STUDY_ID	COSU + study_id	COSU385

7) Cosmic_CancerGeneCensus_v98_GRCh37.tsv

File package

Cosmic_CancerGeneCensus_Tsv_v98_GRCh37.tar contains:

- Cosmic_CancerGeneCensus_v98_GRCh37.tsv.gz
- README_Cosmic_CancerGeneCensus_v98_GRCh37.txt

Main changes

- File format changed from CSV to TSV
- Added new cosmic_gene_id to be able to connect to the gene file
- Replaces yes/null with y/n for consistency

List of column changes

Current file	New file	Changes	Example data
GENE_SYMBOL	GENE_SYMBOL		A1CF
NAME	NAME		APOBEC1 complementation factor
	COSMIC_GENE_ID	COSG+id_gene	COSG46891
ENTREZ_GENE_ID			
GENOME_LOCATION		Replaced with individual columns	
	CHROMOSOME		10
	GENOME_START		52559169
	GENOME_STOP		52645435
CHR_BAND	CHR_BAND		11.23
SOMATIC	SOMATIC		y
GERMLINE	GERMLINE		n
TUMOUR_TYPES_SOMATIC	TUMOUR_TYPES_SOMATIC		melanoma
TUMOUR_TYPES_GERMLINE	TUMOUR_TYPES_GERMLINE		
CANCER_SYNDROME	CANCER_SYNDROME		
TISSUE_TYPE	TISSUE_TYPE		E
MOLECULAR_GENETICS	MOLECULAR_GENETICS		
ROLE_IN_CANCER	ROLE_IN_CANCER		Oncogene
MUTATION_TYPES	MUTATION_TYPES		Mis
TRANSLOCATION_PARTNER	TRANSLOCATION_PARTNER		
OTHER_GERMLINE_MUT	OTHER_GERMLINE_MUT		n
OTHER_SYNDROME	OTHER_SYNDROME		
COSMIC ID			
TIER	TIER		2
COSMIC_GENE_NAME			
SYNONYMS	SYNONYMS		A1CF,ENSG00000148584.10,Q9NQ94,29974,ACF,ACF64,ACF65,APOBEC1CF,ASP

8) Cosmic_CompleteCNA_v98_GRCh37.tsv

File package

Cosmic_CompleteCNA_Tsv_v98_GRCh37.tar contains:

- Cosmic_CompleteCNA_v98_GRCh37.tsv.gz
- README_Cosmic_CompleteCNA_v98_GRCh37.txt

Main changes

- Data directly linked to gene instead of Transcript, file is now smaller as a result
- Added new identifier ids to connect to sample, Gene, classification files

List of column changes

Current file	New file	Changes	Example data
CNV_ID	COSMIC_CNV_ID	COSCNV[CNA_ID]	COSCNV2372777
	COSMIC_GENE_ID	COSG+id_gene	COSG17603
	GENE_SYMBOL		SOX13
ID_SAMPLE	COSMIC_SAMPLE_ID	include the prefix COSS + ctso.id_sample	COSS1337807
SAMPLE_NAME	SAMPLE_NAME		TCGA-02-2470-01
ID_TUMOUR		Data in classification file	
PRIMARY_SITE			
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYPE_1			
HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
	COSMIC_PHENOTYPE	COSO + tum_class_link.id_s	COSO28245232

		ite_class + tum_class_link.id_hist_class	
TOTAL_CN	TOTAL_CN		19
MINOR_ALLELE	MINOR_ALLELE		1
MUT_TYPE	MUT_TYPE		gain
ID_STUDY	COSMIC_STUDY_ID	COSU + study_id	COSU329
GRCH		Remove GRCh since it's in the file name	
CHROMOSOME_G_START_G_STOP		Remove concatenation	
	CHROMOSOME		1
	GENOME_START		203921668
	GENOME_STOP		205128958
TRANSCRIPT_ACCESSION			

9) Cosmic_CompleteDifferentialMethylation_v98_GRCh37.tsv

File package

Cosmic_CompleteDifferentialMethylation_Tsv_v98_GRCh37.tar contains:

- Cosmic_CompleteDifferentialMethylation_v98_GRCh37.tsv.gz
- README_Cosmic_CompleteDifferentialMethylation_v98_GRCh37.txt

Main changes

- Data directly linked to gene instead of Transcript, file is now smaller as a result
- Added new identifier ids to connect to sample, Gene, study, classification files

List of column changes

Current file	New fle	Changes	Example data
	COSMIC_GENE_ID	COSG+id_gene	COSG15191
STUDY_ID	COSMIC_STUDY_ID	COSU + study_id	COSU376
ID_SAMPLE	COSMIC_SAMPLE_ID	include the prefix COSS + id_sample	COSS1651254
SAMPLE_NAME	SAMPLE_NAME		TCGA-D5-6536-01
ID_TUMOUR			
PRIMARY_SITE			

SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYPE_1			
HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
FRAGMENT_ID	FRAGMENT_ID		cg07802401
GENOME_VERSION		Now in file name	
CHROMOSOME	CHROMOSOME		11
POSITION	POSITION		26354057
STRAND	STRAND		-1
GENE_NAME	GENE_SYMBOL		ANO3
METHYLATION	METHYLATION		L
AVG_BETA_VALUE_NORMAL	AVG_BETA_VALUE_NORMAL		0.682
BETA_VALUE	BETA_VALUE		0.159
TWO_SIDED_P_VALUE	TWO_SIDED_P_VALUE		0.000000021827598395
ACCESSION_NUMBER			
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO28694826

10) Cosmic_CompleteGeneExpression_v98_GRCh37.tsv

File package

Cosmic_CompleteGeneExpression_Tsv_v98_GRCh37.tar contains:

- Cosmic_CompleteGeneExpression_v98_GRCh37.tsv.gz
- README_Cosmic_CompleteGeneExpression_v98_GRCh37.txt

Main changes

- Data directly linked to gene instead of Transcript, file is now smaller as a result
- Better gene name coverage
- Fixed wrong gene name mapping
- Added new identifier ids to connect to sample, Gene, study files

List of column changes

Current file	New file	Changes	Example data
SAMPLE_ID	COSMIC_SAMPLE_ID	COSS + id_sample	COSS1337808
SAMPLE_NAME	SAMPLE_NAME		TCGA-02-2483-01
	COSMIC_GENE_ID	COSG+id_gene	COSG483
GENE_NAME	GENE_SYMBOL		ALG14
REGULATION	REGULATION		normal
Z_SCORE	Z_SCORE		0.282
ID_STUDY	COSMIC_STUDY_ID	COSU + study_id	COSU329
ACCESSION_NUMBER			

11) Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.tsv

File package

Cosmic_CompleteTargetedScreensMutant_Tsv_v98_GRCh37.tar contains:

- Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.tsv.gz
- README_Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.txt

Main changes

- File similar in size and content to current file
- Added new identifier ids to connect to sample, Gene, study, mutation tracking and classification files

List of column changes

Current file	New file	Changes	Example data
GENE_NAME	GENE_SYMBOL		GEN1
	COSMIC_GENE_ID	COSG+id_gene	COSG47494
ACCESSION_NUMBER	ACCESSION_NUMBER		ENST00000317402.7
GENE_CDS_LENGTH			
HGNC_ID		In gene file	
ID_SAMPLE	COSMIC_SAMPLE_ID	include the prefix COSS + id_sample	COSS1235084
SAMPLE_NAME	SAMPLE_NAME		HCC2157
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id	COSO28395278

		_hist_class	
ID_TUMOUR			
PRIMARY_SITE			
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYPE_1			
HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
GENOME_WIDE_SCREEN		no point. All genome_wide_screen are y	
GENOMIC_MUTATION_ID	GENOMIC_MUTATION_ID		COSV58058865
LEGACY_MUTATION_ID	LEGACY_MUTATION_ID		COSM33318
MUTATION_ID	MUTATION_ID		26016977
MUTATION_CDS	MUTATION_CDS		c.824G>T
MUTATION_AA	MUTATION_AA		p.R275L
MUTATION_DESCRIPTION	MUTATION_DESCRIPTION		missense_variant
MUTATION_ZYGOSITY	MUTATION_ZYGOSITY		het
LOH	LOH		
GRCH			
MUTATION_GENOME_POSITION		Replace with genome_start, genome_end, chromosome	
CHROMOSOME	CHROMOSOME		2
	GENOME_START		17953922
	GENOME_END		17953922
MUTATION_STRAND	STRAND		+
SNP		Gnomad score? – new column from cmc?	
RESISTANCE_MUTATION			
FATHMM_PREDICTION			
FATHMM_SCORE			
MUTATION_SOMATIC_STATUS		Current information incomplete. Data not available in curation database	
PUBMED_PMID	PUBMED_PMID		16959974
ID_STUDY	COSMIC_STUDY_ID	COSU + study_id	
SAMPLE_TYPE			
TUMOUR_ORIGIN			

AGE		Will come from clinical	
HGVSP	HGVSP		ENSP00000318977.7:p.Arg275Leu
HGVSC	HGVSC		ENST00000317402.7:c.824G>T
HGVSG	HGVSG		2:g.17953922G>T
	GENOMIC_WT_ALLELE		G
	GENOMIC_MUT_ALLELE		T

12) Cosmic_Fusion_v98_GRCh37.tsv

File package

Cosmic_Fusion_Tsv_v98_GRCh37.tar contains:

- Cosmic_Fusion_v98_GRCh37.tsv.gz
- README_Cosmic_Fusion_v98_GRCh37.txt

Main changes

- Added negative fusion data.These are samples tested but where no fusion was detected. Users have to cross reference with the complete mutation file (targeted) to find out what the negative samples were tested against, The mutation file lists one gene tested rather than the gene pair
- Added Gene symbol and Transcript accession for 5'/3' gene pair for negative data and positive data without coordinates.
- Rest of the file is similar to current file
- Added new identifier ids to connect to sample and classification files

List of column changes

Current file	New file	Changes	Example data
SAMPLE_ID	COSMIC_SAMPLE_ID	include the prefix COSS + id_sample	COSS1000017
SAMPLE_NAME	SAMPLE_NAME		1000017
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO36286727
PRIMARY_SITE			
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			

PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYPE_1			
HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
FUSION_ID	COSMIC_FUSION_ID	include prefix COSF	COSF1271
TRANSLOCATION_NAME	FUSION_SYNTAX		ENST00000263102.6(CCDC6):r.1_535::ENST00000355710.3(RET):r.2369_5659
5'_CHROMOSOME	FIVE_PRIME_CHROMOSOME	Removed special chars to make file processing easier	10
5'_STRAND	FIVE_PRIME_STRAND		-
5'_GENE_ID	FIVE_PRIME_TRANSCRIPT_ACCESSION		ENST00000263102.6
5'_GENE_NAME	FIVE_PRIME_GENE_SYMBOL		CCDC6
5'_LAST_OBSERVED_EXON	FIVE_PRIME_LAST_OBSERVE_EXON		1
5'_GENOME_START_FROM	FIVE_PRIME_GENOME_START_FROM		61665880
5'_GENOME_START_TO	FIVE_PRIME_GENOME_START_TO		61665880
5'_GENOME_STOP_FROM	FIVE_PRIME_GENOME_STOP_FROM		61666414
5'_GENOME_STOP_TO	FIVE_PRIME_GENOME_STOP_TO		61666414
3'_CHROMOSOME	THREE_PRIME_CHROMOSOME		10
3'_STRAND	THREE_PRIME_STRAND		+
3'_GENE_ID	THREE_PRIME_TRANSCRIPT_ACCESSION		ENST00000355710.3
3'_GENE_NAME	THREE_PRIME_GENE_SYMBOL		RET
3'_FIRST_OBSERVED_EXON	THREE_PRIME_FIRST_OBSERVE_EXON		12
3'_GENOME_START_FROM	THREE_PRIME_GENOME_START_FROM		43612032
3'_GENOME_START_TO	THREE_PRIME_GENOME_START_TO		43612032

3'_GENOME_STOP_FROM	THREE_PRIME_GENOME_STOP_FROM		43625799
3'_GENOME_STOP_TO	THREE_PRIME_GENOME_STOP_TO		43625799
FUSION_TYPE	FUSION_TYPE		Observed mRNA
PUBMED_PMID	PUBMED_PMID		16784981

13) Cosmic_GenomeScreensMutant_v98_GRCh37.tsv

File package

Cosmic_GenomeScreensMutant_Tsv_v98_GRCh37.tar contains:

- Cosmic_GenomeScreensMutant_v98_GRCh37.tsv.gz
- README_Cosmic_GenomeScreensMutant_v98_GRCh37.txt

Main changes

- File similar in size and content to current file
- Added new identifier ids to connect to sample, Gene, study, mutation tracking and classification files

List of column changes

Current file	New file	Changes	Example data
GENE_NAME	GENE_SYMBOL		ZSCAN22
	COSMIC_GENE_ID	COSG+id_gene	COSG40135
ACCESSION_NUMBER	TRANSCRIPT_ACCESSION	Added version	ENST00000329665.4
GENE_CDS_LENGTH			
HGNC_ID			
ID_SAMPLE	COSMIC_SAMPLE_ID	include the prefix COSS + id_sample	COSS1651625
SAMPLE_NAME	SAMPLE_NAME		TCGA-EI-6882-01
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO28664826
ID_TUMOUR			
PRIMARY_SITE			
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			

HISTOLOGY_SUBTYPE_1			
HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
GENOME_WIDE_SCREEN		All genome_wide_screen are y	
GENOMIC_MUTATION_ID	GENOMIC_MUTATION_ID		COSV61639233
LEGACY_MUTATION_ID	LEGACY_MUTATION_ID		COSM3423316
MUTATION_ID	MUTATION_ID		25675684
MUTATION_CDS	MUTATION_CDS		c.102C>T
MUTATION_AA	MUTATION_AA		p.G34=
MUTATION_DESCRIPTION	MUTATION_DESCRIPTION		synonymous_variant
MUTATION_ZYGOSITY	MUTATION_ZYGOSITY		
LOH	LOH		
GRCH		Now in the file name	
MUTATION_GENOME_POSITION		Replace with genome_start, genome_end, chromosome	
CHROMOSOME	CHROMOSOME		19
	GENOME_START		58846270
	GENOME_END		58846270
MUTATION_STRAND	STRAND		+
SNP		Gnomad score? – new column from cmc?	
RESISTANCE_MUTATION			
FATHMM_PREDICTION			
FATHMM_SCORE			
MUTATION_SOMATIC_STATUS		Current information incomplete. Data not available in curation database	
PUBMED_PMID	PUBMED_PMID		
ID_STUDY	COSMIC_STUDY_ID	COSU+ study_id	COSU375
SAMPLE_TYPE			
TUMOUR_ORIGIN			
AGE		Will come from clinical	
HGVSP	HGVSP		ENSP00000332433.3:p.Gly34=
HGVSC	HGVSC		ENST00000329665.4:c.102C>T
HGVSG	HGVSG		19:g.58846270C>T

	GENOMIC_WT_SEQ		C
	GENOMIC_MUT_SEQ		T

14) Cosmic_MutantCensus_v98_GRCh37.tsv

File package

Cosmic_MutantCensus_Tsv_v98_GRCh37.tar contains:

- Cosmic_MutantCensus_v98_GRCh37.tsv.gz
- README_Cosmic_MutantCensus_v98_GRCh37.txt

Main changes

- File similar in size and content to current file
- Added new identifier ids to connect to gene, sample and classification files

List of column changes

Current file	New file	changes	Example data
GENE_NAME	GENE_SYMBOL		ALDH2
	COSMIC_GENE_ID	COSG+id_gene	COSG55681
ACCESSION_NUMBER	TRANSCRIPT_ACCESSION	Added version	ENST00000261733.2
GENE_CDS_LENGTH			
HGNC_ID			
ID_SAMPLE	COSMIC_SAMPLE_ID	include the prefix COSS + id_sample	COSS2658236
SAMPLE_NAME	SAMPLE_NAME		T207430
ID_TUMOUR			
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO28864826
PRIMARY_SITE			
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYP			

E_1			
HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
GENOME_WIDE_SCREEN		removed, connect to sample	
GENOMIC_MUTATION_ID	GENOMIC_MUTATION_ID		COSV55665914
LEGACY_MUTATION_ID	LEGACY_MUTATION_ID		COSM6598241
MUTATION_ID	MUTATION_ID		20830979
MUTATION_CDS	MUTATION_CDS		c.1366G>A
MUTATION_AA	MUTATION_AA		p.A456T
MUTATION_DESCRIPTION	MUTATION_DESCRIPTION		missense_variant
MUTATION_ZYGOSITY	MUTATION_ZYGOSITY		
LOH	LOH		
TIER		can be fetched from census file	
GRCH		In file name	
MUTATION_GENOME_POSITION		remove concatenation	
CHROMOSOME	CHROMOSOME		12
	GENOME_START		112237827
	GENOME_END		112237827
MUTATION_STRAND	STRAND		+
SNP			
RESISTANCE_MUTATION		it can be part of the clinical phase 2/3 as this info doesn't exist in the curation database, also this can be fetched from resistance mut file	
FATHMM_PREDICTION			
FATHMM_SCORE			
MUTATION_SOMATIC_STATUS		always null	
PUBMED_PMID	PUBMED_PMID		27149842
ID_STUDY	COSMIC_STUDY_ID	COSU + id_Study	
SAMPLE_TYPE		remove it as this data can be fetched it from sample file	
TUMOUR_ORIGIN		remove it as this data can be fetched it from sample file	
AGE			
HGVSP	HGVSP		ENSP00000261733.2:p

			.Ala456Thr
HGVSC	HGVSC		ENST00000261733.2:c.1366G>A
HGVSG	HGVSG		12:g.112237827G>A
	GENOMIC_WT_ALLELE		G
	GENOMIC_MUT_ALLELE		A

15) Cosmic_MutationTracking_v98_GRCh37.tsv

File package

Cosmic_MutationTracking_Tsv_v98_GRCh37.tar contains:

- Cosmic_MutationTracking_v98_GRCh37.tsv.gz
- README_Cosmic_MutationTracking_v98_GRCh37.txt

Main changes

- CosmicMutationTracking now contains all the legacy_mutation_id instead of a representative (minimum ids between multiple) and also non-coding mutations. File also only contains mutations linked to released samples and studies to be consistent with other mutation files.
- New file contain millions of extra COSV linked to COSN/COSM ids that don't exist in current retrofit because some extra filtering exists in the current file.
- Added new identifier ids to connect to Gene and mutation files

List of column changes

Current file	New file	Changes	Example data
GENE_NAME	GENE_SYMBOL		FMNL2
	COSMIC_GENE_ID	COSG+id_gene	COSG36014
ACCESSION_NUMBER	TRANSCRIPT_ACCESSION	Added version	ENST00000288670.9
GENOMIC_MUTATION_ID	GENOMIC_MUTATION_ID		COSV56497166
LEGACY_MUTATION_ID	LEGACY_MUTATION_ID		COSN9069337/COSM
MUTATION_ID	MUTATION_ID		22807785
	MUTATION_NC_ID		62482415
GRCH		Remove GRCh since it's in the file name	
MUTATION_TYPE	MUTATION_TYPE	extend to non-coding	coding

IS_CANONICAL	IS_CANONICAL	**y/n/NULL**	y

16) Cosmic_NonCodingVariants_v98_GRCh37.tsv

File package

Cosmic_NonCodingVariants_Tsv_v98_GRCh37.tar contains:

- Cosmic_NonCodingVariants_v98_GRCh37.tsv.gz
- README_Cosmic_NonCodingVariants_v98_GRCh37.txt

Main changes

- Higher number of rows because multiple NCV_ID can have the same sample, genomic_mutation_id and legacy_mutation_id
- Renamed COSMICNCV.tsv.gz to COSMICNonCodingVariants.tsv.gz for consistency
- Added new identifier ids to connect to sample, study, mutation tracking and classification files

List of column changes

Current file	New file	changes	Example data
	MUTATION_NC_ID		51864116
SAMPLE_NAME	SAMPLE_NAME		1192-01-02TD
ID_SAMPLE	COSMIC_SAMPLE_ID	COSS + id_sample	COSS2456388
ID_TUMOUR			
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO27985045
PRIMARY_SITE			
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYPE_1			
HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			

GENOMIC_MUTATION_ID	GENOMIC_MUTATION_ID		COSV63265199
LEGACY_MUTATION_ID	LEGACY_MUTATION_ID		COSN19086933
ZYGOSITY	ZYGOSITY		Unknown
GRCH			
GENOME_POSITION			
	CHROMOSOME		6
	GENOME_START		77520142
	GENOME_END		77520142
MUTATION_SOMATIC_STATUS		Current information incomplete. Data not available in curation database	
WT_SEQ		replace with genomic	
MUT_SEQ		replace with genomic	
	GENOMIC_WT_SEQ		C
	GENOMIC_MUT_SEQ		T
SNP		Always "y'	
FATHMM_MKL_NON_CODING_SCORE			
FATHMM_MKL_NON_CODING_GROUPS		always null	
FATHMM_MKL_CODING_SCORE			
FATHMM_MKL_CODING_GROUPS		always null	
WHOLE_GENOME_RESEQ			
WHOLE_EXOME			
ID_STUDY	COSMIC_STUDY_ID	COSU + study_id	COSU340
PUBMED_PMID	PUBMED_PMID		21642962
HGVSG	HGVSG		6:g.77520142C>T

17) Cosmic_ResistanceMutations_v98_GRCh37.tsv

File package

Cosmic_ResistanceMutations_Tsv_v98_GRCh37.tar contains:

- Cosmic_ResistanceMutations_v98_GRCh37.tsv.gz
- README_Cosmic_ResistanceMutations_v98_GRCh37.txt

Main changes

- Same size as current file
- Added new identifier ids to connect to sample, Gene, study, mutation tracking and classification files

List of column changes

Current file	New file	Changes	Example data
SAMPLE_NAME	SAMPLE_NAME		1000815
SAMPLE_ID	COSMIC_SAMPLE_ID	COSS + id_sample	COSS1000815
GENE_NAME	GENE_SYMBOL		EGFR
	COSMIC_GENE_ID	COSG + gene_id	COSG35617
TRANSCRIPT	TRANSCRIPT_ACCESSION	Added version	ENST00000275493.2
TIER		1 or null	
CENSUS_GENE	CENSUS_GENE		Yes
DRUG_NAME	DRUG_NAME		Gefitinib
GENOMIC_MUTATION_ID	GENOMIC_MUTATION_ID		COSV51765492
LEGACY_MUTATION_ID	LEGACY_MUTATION_ID		COSM6240
MUTATION_ID	MUTATION_ID		22182846
AA_MUTATION	AA_MUTATION		p.T790M
CDS_MUTATION	CDS_MUTATION		c.2369C>T
	GENOMIC_WT_SEQ		C
	GENOMIC_MUT_SEQ		T
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO29974826
PRIMARY_TISSUE			
TISSUE_SUBTYPE_1			
TISSUE_SUBTYPE_2			
HISTOLOGY			
HISTOLOGY_SUBTYPE_1			
HISTOLOGY_SUBTYPE_2			

PUBMED_ID	PUBMED_ID		16983123
CGP_STUDY		no data	
	COSMIC_STUDY_ID	COSU + study_id	
SOMATIC_STATUS		Always null	
SAMPLE_TYPE		Can be fetched from sample	
MUTATION_ZYGOSITY	MUTATION_ZYGOSITY		
Genome Coordinates (GRCh38)			
	CHROMOSOME		7
	GENOME_START		55249071
	GENOME_END		55249071
	STRAND		+
HGVSP	HGVSP		ENSP00000275493.2:p.Thr790Met
HGVSC	HGVSC		ENST00000275493.2:c.2369C>T
HGVSG	HGVSG		7:g.55249071C>T

18) Cosmic_Sample_v98_GRCh37.tsv

File package

Cosmic_Sample_Tsv_v98_GRCh37.tar contains:

- Cosmic_Sample_v98_GRCh37.tsv.gz
- README_Cosmic_Sample_v98_GRCh37.txt

Main changes

- Same size as current file
- Added new identifier ids to connect to sample and classification files

List of column changes

Current file	New file	Changes	Example data
SAMPLE_ID	COSMIC_SAMPLE_ID	include the prefix COSS + id_sample	COSS2367783
SAMPLE_NAME	SAMPLE_NAME		2367783

	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO37914801
ID_TUMOUR	ID_TUMOUR		2230621
SAMPLE_TYPE	SAMPLE_TYPE		surgery - NOS
ID_INDIVIDUAL	ID_INDIVIDUAL		2081267
PRIMARY_SITE			
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYPE_1			
HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
THERAPY_RELATIONSHIP		This should come from clinical_feature. Not yet in curation database	
SAMPLE_DIFFERENTIATOR		This should come from clinical_feature. Not yet in curation database	
MUTATION_ALLELE_SPECIFICATION		This should come from clinical_feature. Not yet in curation database	
MSI		This should come from clinical_feature. Not yet in curation database	
AVERAGE_PLOIDY		This should come from clinical_feature. Not yet in curation database	
WHOLE_GENOME_SCREEN	WHOLE_GENOME_SCREEN		n
WHOLE_EXOME_SCREEN	WHOLE_EXOME_SCREEN		n
	TARGETED_SCREEN		y
	RNASEQ_SCREEN		n
	REARRANGEMENT_SCREEN		n
SAMPLE_REMARK		This should come from clinical_feature. Not yet	

		in curation database	
DRUG_RESPONSE		This should come from clinical_feature. Not yet in curation database	
GRADE		This should come from clinical_feature. Not yet in curation database	
AGE_AT_TUMOUR_RECURRENCE		This should come from clinical_feature. Not yet in curation database	
STAGE		This should come from clinical_feature. Not yet in curation database	
CYTOGENETICS		This should come from clinical_feature. Not yet in curation database	
METASTATIC_SITE		This should come from clinical_feature. Not yet in curation database	
TUMOUR_SOURCE	TUMOUR_SOURCE		NS
TUMOUR_REMARK		This should come from clinical_feature. Not yet in curation database	
AGE		This should come from clinical_feature. Not yet in curation database	
ETHNICITY		This should come from clinical_feature. Not yet in curation database	
ENVIRONMENTAL_VARIABLES		This should come from clinical_feature. Not yet in curation database	
GERMLINE_MUTATION		This should come from clinical_feature. Not yet in curation database	
THERAPY		This should come from clinical_feature. Not yet in curation database	
FAMILY		This should come from clinical_feature. Not yet in curation database	
NORMAL_TISSUE_TESTED	NORMAL_TISSUE_TESTED		y
GENDER	GENDER		u

INDIVIDUAL_REMARK		This should come from clinical_feature. Not yet in curation database	
NCI_CODE			
COSMIC_PHENOTYPE_ID		rest of the data will come from clinical	

19) Cosmic_StructuralVariants_v98_GRCh37.tsv

File package

Cosmic_StructuralVariants_Tsv_v98_GRCh37.tar contains:

- Cosmic_StructuralVariants_v98_GRCh37.tsv.gz
- README_Cosmic_Struct_v98_GRCh37.txt

Main changes

- Same size as current file
- Added new identifier ids to connect to sample, study and classification files

List of column changes

Current file	New file	Changes	Example data
SAMPLE_NAME	SAMPLE_NAME		A21A-0096_CRUK_PC_0096_M1_DNA
ID_SAMPLE	COSMIC_SAMPLE_ID	include the prefix COSS	COSS2340984
	COSMIC_PHENOTYPE_ID	COSO + tum_class_link.id_site_class + tum_class_link.id_hist_class	COSO32054826
ID_TUMOUR			
PRIMARY_SITE			
SITE_SUBTYPE_1			
SITE_SUBTYPE_2			
SITE_SUBTYPE_3			
PRIMARY_HISTOLOGY			
HISTOLOGY_SUBTYPE_1			

HISTOLOGY_SUBTYPE_2			
HISTOLOGY_SUBTYPE_3			
MUTATION_ID	COSMIC_STRUCTURAL_ID	COST[ID_STRUCT_MUT]	COST188305
MUTATION_TYPE	MUTATION_TYPE		intrachromosomal inversion
GRCH			
DESCRIPTION	DESCRIPTION		chr8:g.51293657_52888676inv
PUBMED_PMID	PUBMED_PMID		
ID_STUDY	COSMIC_STUDY_ID	COSU + study_id	COSU538
	ID_STRUC_GEN		86403
	CHROMOSOME_FROM		8
	CHROMOSOME_TO		8
	LOCATION_FROM_MIN		51293657
	LOCATION_FROM_MAX		51293657
	LOCATION_TO_MIN		52888676
	LOCATION_TO_MAX		52888676
	STRAND_FROM		-
	STRAND_TO		+

20) Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.vcf

File packages

Cosmic_CompleteTargetedScreensMutant_Vcf_v98_GRCh37.tar contains:

- Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.vcf.gz
- README_Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.txt

Cosmic_CompleteTargetedScreensMutant_VcfNormal_v98_GRCh37.tar contains:

- Cosmic_CompleteTargetedScreensMutant_Normal_v98_GRCh37.vcf.gz
- README_Cosmic_CompleteTargetedScreensMutant_Normal_v98_GRCh37.txt

Main changes

- CosmicCodingMuts.vcf splitted into Targeted and Genome to match TSV files

#CHROM POS ID REF ALT QUAL FILTER INFO
1 869556 COSV59704645 A G . .
GENE=SAMD11;TRANSCRIPT=ENST00000342066.3;STRAND=+;LEGACY_ID=COSN15657006;CDS=c.306-1596A>G;AA=p.?;HGVSC=ENST00000342066.3:c.306-1596A>G;HGVSG=1:g.869556A>G;SAMPLE_COUNT=1;IS_CANONICAL=y;SO_TERM=SNV;

A tab separated table of the complete curated COSMIC dataset (targeted screens) from the current release. It includes all coding point mutations, and the negative data set. [Cosmic_CompleteTargetedScreensMutant_v98_GRCh37.tsv.gz]
The CosmicMutantExport file can be re-created by linking the Cosmic_GenomeScreensMutant with the positive data from this file Cosmic_CompleteTargetedScreensMutant

21) Cosmic_GenomeScreensMutant_v98_GRCh37.vcf

File packages

Cosmic_GenomeScreensMutant_Vcf_v98_GRCh37.tar contains:

- Cosmic_GenomeScreensMutant_v98_GRCh37.vcf.gz
- README_Cosmic_GenomeScreensMutant_v98_GRCh37.txt

Cosmic_GenomeScreensMutant_VcfNormal_v98_GRCh37.tar contains:

- Cosmic_GenomeScreensMutant_Normal_v98_GRCh37.vcf.gz
- README_Cosmic_GenomeScreensMutant_Normal_v98_GRCh37.txt

Main changes

- CosmicCodingMuts.vcf splitted into Targeted and Genome to match TSV files

22) Cosmic_NonCodingVariants_v98_GRCh37.vcf

File packages

Cosmic_NonCodingVariants_Vcf_v98_GRCh37.tar contains:

- Cosmic_NonCodingVariants_v98_GRCh37.vcf.gz
- README_Cosmic_NonCodingVariants_v98_GRCh37.txt

Cosmic_NonCodingVariants_VcfNormal_v98_GRCh37.tar contains:

- Cosmic_NonCodingVariants_Normal_v98_GRCh37.vcf.gz
- README_Cosmic_NonCodingVariants_Normal_v98_GRCh37.txt

Main changes

- Including Complex - compound substitution (id_mut_type=29)
- File name changed for consistency
- 270 rows with '.' (id_mut_type=13), These are now defined the same way as deletion (e.g: GATATG G instead of GATATG .)
- Header is now specific to each VCFs to avoid having CDS and AA information in non-coding header.

23) CellLinesProject_CompleteCNA_v98_GRCh37.tsv

File package

CellLinesProject_CompleteCNA_Tsv_v98_GRCh37.tar contains:

- CellLinesProject_CompleteCNA_v98_GRCh37.tsv.gz
- README_CellLinesProject_CompleteCNA_v98_GRCh37.txt

24) CellLinesProject_CompleteGeneExpression_v98_GRCh37.tsv

File package

CellLinesProject_CompleteCNA_Tsv_v98_GRCh37.tar contains:

- CellLinesProject_CompleteGeneExpression_v98_GRCh37.tsv.gz
- README_CellLinesProject_CompleteGeneExpression_v98_GRCh37.txt

25) CellLinesProject_GenomeScreensMutant_v98_GRCh37.tsv

File package

CellLinesProject_GenomeScreensMutant_Tsv_v98_GRCh37.tar contains:

- CellLinesProject_GenomeScreensMutant_v98_GRCh37.tsv.gz
- README_CellLinesProject_GenomeScreensMutant_v98_GRCh37.txt

26) CellLinesProject_MutationTracking_v98_GRCh37.tsv

File package

CellLinesProject_MutationTracking_Tsv_v98_GRCh37.tar contains:

- CellLinesProject_MutationTracking_v98_GRCh37.tsv.gz
- README_CellLinesProject_MutationTracking_v98_GRCh37.txt

27) CellLinesProject_NonCodingVariants_v98_GRCh37.tsv

File package

CellLinesProject_NonCodingVariants_Tsv_v98_GRCh37.tar contains:

- CellLinesProject_NonCodingVariants_v98_GRCh37.tsv.gz
- README_CellLinesProject_NonCodingVariants_v98_GRCh37.txt

28) CellLinesProject_RawGeneExpression_v98_GRCh37.tsv

File package

CellLinesProject_RawGeneExpression_Tsv_v98_GRCh37.tar contains:

- CellLinesProject_RawGeneExpression_v98_GRCh37.tsv.gz
- README_CellLinesProject_RawGeneExpression_v98_GRCh37.txt

29) CellLinesProject_Sample_v98_GRCh37.tsv

File package

CellLinesProject_Sample_Tsv_v98_GRCh37.tar contains:

- CellLinesProject_Sample_v98_GRCh37.tsv.gz
- README_CellLinesProject_Sample_v98_GRCh37.txt

30) CellLinesProject_GenomeScreensMutant_v98_GRCh37.vcf

File packages

CellLinesProject_GenomeScreensMutant_Vcf_v98_GRCh37.tar contains:

- CellLinesProject_GenomeScreensMutant_v98_GRCh37.vcf.gz
- README_CellLinesProject_GenomeScreensMutant_v98_GRCh37.txt

CellLinesProject_GenomeScreensMutant_VcfNormal_v98_GRCh37.tar contains:

- CellLinesProject_GenomeScreensMutant_Normal_v98_GRCh37.vcf.gz
- README_CellLinesProject_GenomeScreensMutant_Normal_v98_GRCh37.txt

31) CellLinesProject_NonCodingVariants_v98_GRCh37.vcf

File packages

CellLinesProject_NonCodingVariants_Vcf_v98_GRCh37.tar contains:

- CellLinesProject_NonCodingVariants_v98_GRCh37.vcf.gz
- README_CellLinesProject_NonCodingVariants_v98_GRCh37.txt

CellLinesProject_NonCodingVariants_VcfNormal_v98_GRCh37.tar contains:

- CellLinesProject_NonCodingVariants_Normal_v98_GRCh37.vcf.gz
- README_CellLinesProject_NonCodingVariants_Normal_v98_GRCh37.txt

32) Actionability_AllData_v8_GRCh38.tsv

File packages

Actionability_AllData_Tsv_v8_GRCh37.tar contains:

- Actionability_AllData_v8_GRCh37.tsv
- README_Actionability_AllData_v8_GRCh37.pdf

33) CancerMutationCensus_AllData_v98_GRCh38.tsv

File packages

CancerMutationCensus_AllData_Tsv_v98_GRCh37.tar contains:

- CancerMutationCensus_AllData_v98_GRCh37.tsv.gz
- README_CancerMutationCensus_AllData_v98_GRCh37.txt