

Histone TEs

[illegible]

Coka Histone.HG1.12:like:AL031777.2/H...
 Chabra Histone.HG10.0:NA
 Symmic Histone.HG2.18:like:CENPA/H3-2...
 Notgen Histone.HG2.5:H3-2/H3-3A/H3-3B...
 Spur Histone.HG3.5:CU639417.1/H2BC1/H...
 Notgen Histone.HG3.8:like:CU639417.1/...
 Mgt Histone.HG5.1:NFYB

Acetyltransf_1 TEs

[illegible]








Hist_deacetyl TEs

| | |
|------|--|
| 0000 | unknown |
| 0000 | multitext, no cluster |
| 0000 | monotext, no cluster |
| 0000 | monotext, cluster |
| 0000 | no evidence |
| 0000 | broken assembly, no expression |
| 0000 | broken assembly, partial expression |
| 0000 | complete assembly, complete expression |
| 0000 | continuous assembly, partial expression |
| 0000 | continuous assembly, complete expression |
| 0000 | Trans. reg. C |
| 0000 | Marr. 2 |
| 0000 | DEL-3SD, pdeas |
| 0000 | DDE-1np.4 |
| 0000 | unknown |
| 0000 | DNA PIF-Harbinger |

Coka Hist_deacetyl.HG1.12:like:HDAC4/...
Emue Hist_deacetyl.HG1.19:HDAC4/HDAC5...
Coka Hist_deacetyl.HG1.6:like:HDAC4/H...

Notgen SIR2.HG1.14:SIRT2
Chabra SIR2.HG3.1:SIR16

SIR2 TEs

| | | |
|---|---|--|
|  |  | unknown |
|  |  | multitexon, no cluster |
|  |  | multitexon, cluster |
|  |  | monotexon, no cluster |
|  |  | monotexon, cluster |
|  |  | no evidence |
|  |  | no assembly, no expression |
|  |  | broken assembly, partial expression |
|  |  | contiguous assembly, no expression |
|  |  | contiguous assembly, complete expression |
|  |  | broken assembly, no expression |
|  |  | contiguous assembly, partial expression |
|  |  | contiguous assembly, complete expression |
|  |  | Integrase_H2C2 |
|  |  | DBP_4 |
|  |  | RT_Gypsy-ERV |
|  |  | DNA_Harbinger |

SWIRM TEs

Chabra SWIRM.HG2.1:TADA2A
Scil SWIRM.HG3.0:KDM1A

- unknown
- multixen, no cluster
- multixen, no cluster
- monoxen, no cluster
- monoxen, cluster
- no evidence
- broken assembly, no expression
- broken assembly, partial expression
- broken assembly, no expression
- contiguous assembly, no expression
- contiguous assembly, partial expression
- contiguous assembly, complete expression
- THAP
- RV_1
- unknown
- Rt gypsy-ERV

CupinJmjC TEs

[illegible]

BIR TEs

Notgen BIR.HG1.0:BIRC5

- unknown, no cluster
- multixon, cluster
- monoxon, cluster
- no evidence
- broken assembly, no expression
- broken assembly, no expression
- broken assembly, complete expression
- contiguous assembly, no expression
- contiguous assembly, partial expression
- contiguous assembly, complete expression
- RVT_1
- RT CR 1-group

Chromo TEs

[illegible]

Tcas MBT.HC1.1:PHF20L1
Drer MBT.HG1.2:AL031681.3/L3MBTL1/L3M...

MBT TEs

- ☐ unknown, no cluster
- ☐ multiexon, cluster
- ☐ multiexon, no cluster
- ☐ monoexon, cluster
- ☐ monoexon, no cluster
- ☐ no evidence
- ☐ broken assembly, no expression
- ☐ broken assembly, partial expression
- ☐ contiguous assembly, no expression
- ☐ contiguous assembly, complete expression
- ☐ contiguous assembly, partial expression
- ☐ contiguous assembly, complete expression
- ☐ THAP
- ☐ Unknown
- ☐ DNA TAT

MRG TEs

Chabra MRG.HG1.1:MORF4L1/MORF4L2/MSL3

- o unknown, no cluster
- o multixenon, cluster
- o monoxenon, cluster
- o monoxenon, cluster
- o no evidence
- o broken assembly, no expression
- o broken assembly, partial expression
- o contiguous assembly, complete expression
- o contiguous assembly, no expression
- o contiguous assembly, partial expression
- o contiguous assembly, complete expression

■ DDE_Tmp_4

■ DNA_Pf-Haringer

The figure displays a 16x16 grid of 256 small 16x16 grids. Each small grid represents a 256-bit binary vector. The vectors are arranged in a 4x4 pattern, with each quadrant containing a different set of vectors. The vectors are represented by blue and black squares on a white background, indicating the presence or absence of a bit.

[illegible]

PWWP TEs

Morvir PWWP.HG1.8:AC098650.1/GLYR1/HD...

- o unknown, no cluster
- o multixon, cluster
- o monoxon, no cluster
- o monoxon, cluster
- o no evidence
- o broken assembly, no expression
- o broken assembly, partial expression
- o broken assembly, complete expression
- o contiguous assembly, no expression
- o contiguous assembly, partial expression
- o contiguous assembly, complete expression

RTV_1

RT RTE-group

SAWADEE TEs

Chabra SAWADEE.HG1.1:NA

- unknown, no cluster
- unknown, no cluster
- monoclon, no cluster
- monoclon, cluster
- no evidence
- broken assembly, no expression
- broken assembly, complete expression
- broken assembly, partial expression
- contiguous assembly, partial expression
- contiguous assembly, complete expression

RT 1_H2C2

Integrase_H2C2

RT Gp5p-ERV

TUDOR TEs

[illegible]

zf-CW TEs

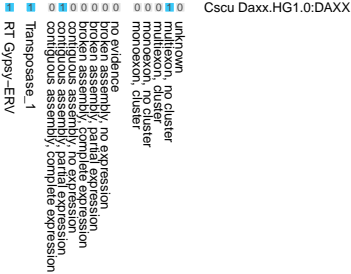
| | |
|-----|--|
| 000 | unknown, no cluster |
| 000 | multicore, no cluster |
| 000 | monocore, no cluster |
| 000 | monocore, cluster |
| 000 | no evidence |
| 000 | broken assembly, no expression |
| 000 | broken assembly, complete expression |
| 000 | contiguous assembly, no expression |
| 000 | contiguous assembly, complete expression |
| 000 | contiguous assembly, complete expression |
| 000 | RT-1 |
| 000 | Integrase_H2C2 |
| 000 | RT_RTE_gypsy |
| 000 | RT_RTE_gypsyERV |

Morvir zf-CW.HG1.14:AC098650.1/ZCWPW2
Morvir zf-CW.HG1.16:MORC1/MORC2/MORC3...
Bralan zf-CW.HG1.3:like:AC098650.1/KD...

SNF2 N TEs

| | | |
|----------------------------------|---|-----------------------------------|
| | Bremrin | SNF2_N.HG1.17-like;HLTF/TTF2.1... |
| 00000000000000000000000000000000 | Morvir_SNF_2_N.HG11.1:B.TAFI | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Morvir_SNF2_N_HG13.0:NO8d | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Morvir_SNF2_N.HG6.3:SMAKCAD1 | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Hdyvul_SNF2_N.HG6.3:ECCc6l | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Morvir_SNF2_N.HG3.5:ERCCc6l | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Linaas_SNF2_N.HG4.0:AC006064.6/CHD3/C... | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Exapal_SNF2_N.HG4.0:AC006064.6/CHD3/C... | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Morvir_SNF2_N.HG4.0:AC006064.6/CHD3/C... | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Ngad_SNF2_N.HG4.0:AC006064.6/CHD3/CHD... | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Smoe_SNF2_N.HG4.1-like:CHD1/CHD2-like... | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Chabra_SNF2_NHG5.7:AIRX | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Chabra_SNF2_N.HG7.7-like:RAD54B/RAD54L... | 00000000000000000000000000000000 |
| 00000000000000000000000000000000 | Morvir_SNF_2_N.HG7.8:RAD54B/RAD54L | 00000000000000000000000000000000 |
| Unknown | | unknown, |
| multimeric | | no cluster |
| mRNA | | monoclon, |
| monoclon, | | no cluster |
| evidence | | cluster |
| broken assembly | | no expression |
| partial assembly | | expression from |
| contiguous assembly | | no expression |
| partial expression | | complete expresso |
| RVT-? | | |
| nucleoproteinase H2C2 | | |
| DNAse III sensitive | | |
| dimeric | | |
| RT long terminal Repeat Element | | |
| RT group | | |
| group ERV | | |
| DNA RT group | | |
| Mutatio-like | | |

Daxx TEs



Hira TEs

Skow Hira.HG1.0:HIRA

- unknown, no cluster
- multixon, cluster
- monoxon, cluster
- no evidence
- broken assembly, no expression
- broken assembly, partial expression
- contiguous assembly, complete expression
- contiguous assembly, no expression
- contiguous assembly, partial expression
- contiguous assembly, complete expression
- Integrase_H2C2
- RT_Long_Terminal_Repeat_Element

Chabra NAP.HG1.1:like:NAP1L1/NAP1L2/N...

Chabra NAP.HG1.5:like:NAP1L1/NAP1L2/N...

NAP TEs

- ☐ unknown
- ☐ multiexon, no cluster
- ☐ multiexon, cluster
- ☐ monoexon, no cluster
- ☐ monoexon, cluster
- ☐ no evidence
- ☐ broken assembly, no expression
- ☐ broken assembly, partial expression
- ☐ broken assembly, complete expression
- ☐ continuous assembly, no expression
- ☐ continuous assembly, partial expression
- ☐ continuous assembly, complete expression
- ☐ TnE
- ☐ Integrase_H2C2
- ☐ RT_Gypsy-ERV

SSrecog TEs

Hydvul SSrecog.HG1.1:SSRP1

- unknown, no cluster
- multixen, cluster
- monoxen, cluster
- no evidence
- broken assembly, no expression
- broken assembly, partial expression
- broken assembly, complete expression
- contiguous assembly, no expression
- contiguous assembly, partial expression
- contiguous assembly, complete expression
- RVT_1
- RT CR1

zf-CCHH TEs

Symmic zf-CCHH.HG1.16:like:APLF:likec...

- o unknown, no cluster
- o multixon, no cluster
- o multixon, cluster
- o monoxon, no cluster
- o monoxon, cluster
- o no evidence
- o broken assembly, no expression
- o broken assembly, complete expression
- o broken assembly, complete expression
- o contiguous assembly, no expression
- o contiguous assembly, partial expression
- o contiguous assembly, complete expression

RT_2

RT Long_Terminal_Repeat_Element

Dpy-30 TEs

Chabra Dpy-30.HG1.6:like:NME5:likeclu:7

- 0 unknown, no cluster
- 0 unknown, no cluster
- 0 monoxon, no cluster
- 0 monoxon, cluster
- 0 no evidence
- 0 broken assembly, no expression
- 0 broken assembly, complete expression
- 0 broken assembly, partial expression
- 0 continuous assembly, partial expression
- 0 continuous assembly, complete expression
- 0 no
- 0 integrate_H2O2
- 0 RT_Gypsy-ERV

PTIP TEs

```
00000 HydVul PTIP_HG1.15_15_15 like BRCA1/ECT2/MC...
00000 Spur PTIP_HGT.25_MCPH1
00000 Morvir PTIP_HGT.33_BRCA1
00000 Pylite PTIP_Hgt.9_ECT2
00000 Coka PTIP_HG3.0_1 like KFC1.1:likeclu:4

00000 unknown
00000 multixen no cluster
00000 multixen cluster
00000 monoxen cluster
00000 monoxen cluster

no evidence
broken assembly, no expression
broken assembly, partial expression
contiguous assembly, no expression
contiguous assembly, partial expression
contiguous assembly, complete expression

RVT_T
Tarsq_reg_C
Helicon_like_N

Unkown
RT_LN-group
RT_Orgroup
DNA Helicase
```

| | | |
|------|--|---------------------|
| 0000 | unknown | no expression |
| 0001 | no cluster | partial expression |
| 0010 | multiclonal cluster | no expression |
| 0011 | monoclonal, no cluster | no expression |
| 0100 | monoclonal, cluster | no expression |
| 0101 | no evidence | no expression |
| 0110 | protein assembly | no expression |
| 0111 | protein assembly, partial expression | partial expression |
| 1000 | protein assembly, no expression | no expression |
| 1001 | contiguous assembly, no expression | no expression |
| 1010 | contiguous assembly, partial expression | partial expression |
| 1011 | contiguous assembly, complete expression | complete expression |
| 1100 | ThAP | |
| 1101 | RT- γ | |
| 1110 | unknown | |
| 1111 | RT-CR1-group | |

Ctel PCRing.HG0.1:BMI1/COMMD3-BMI1/PC...
Notgen PCRing.HG0.1:BMI1/COMMD3-BMI1/...
Lcom PCRing.HG0.1:BMI1/COMMD3-BMI1/PC...

SAM TEs

[illegible]

CAF1C TEs

Cscu CAF1C.HG1.1:RBBP4/RBBP7

- 0 unknown, no cluster
- 0 multixon, cluster
- 0 monoxon, no cluster
- 0 monoxon, cluster
- 0 no evidence
- 0 broken assembly, no expression
- 0 broken assembly, partial expression
- 0 broken assembly, complete expression
- 0 contiguous assembly, no expression
- 0 contiguous assembly, partial expression
- 0 contiguous assembly, complete expression
- 0 TMAP
- 0 Unknown

Chabra Kelch.HG0.1:like:FBXO42/KLHDC1...
Chabra Kelch.HG0.14:KLHDC3

Kelch TEs

- ☐ unknown, no cluster
- ☒ multiexon, cluster
- ☐ monoexon, no cluster
- ☐ monoexon, cluster
- ☐ no evidence
- ☐ broken assembly, no expression
- ☐ broken assembly, partial expression
- ☐ contiguous assembly, no expression
- ☐ contiguous assembly, complete expression
- ☐ contiguous assembly, partial expression
- ☐ contiguous assembly, complete expression
- ☒ RT 1
- ☒ Integrase_H2C2
- ☒ DUF659
- ☒ RT_Gypsy-ERV
- ☒ DNA_TAV

zf-CXXC TEs

| | |
|---|---|
| ■ | unknown |
| ■ | mulleken, no cluster |
| ■ | monoxen, no cluster |
| ■ | no evidence |
| ■ | broken assembly, no expression |
| ■ | broken assembly, partial expression |
| ■ | broken assembly, complete expression |
| ■ | confinguous assembly, partial expression |
| ■ | confinguous assembly, complete expression |
| ■ | MULE |
| ■ | Direx_Tnp_hAT |
| ■ | DDE_Tnp_IST595 |
| ■ | Unknown |
| ■ | DNA Transposase |
| ■ | DNA PolyBac Group |

Spur zf-CXXC.HG1.0:CXXC1/CXXC4/CXXC5/...
Tetwil zf-CXXC.HG1.0:CXXC1/CXXC4/CXXC...

Skow NA
Cscu NA
Morvir NA

WD40 TEs

[illegible]