## Raw immunoblots

Related to Fig 1C

CutLL MOLT CCRF-Jurkat k562
-1 4 CEM
kDa

75 -
63 -
48 -
35 -

25 -

CutLL MOLTCCRF-Jurkat k562


63 -
48 -

## Related to Fig 4A

Input

| FLAG- | FLAG- FLAG- |
| :--- | :--- |
| empty | TAL1- TAL1- |
|  | short long |

IP:FLAG

| FLAG- | FLAG- FLAG- |
| :--- | :--- |
| empty | TAL1- TAL1- |
|  | short long |

Input
FLAG- FLAG- FLAGempty TAL1- TAL1short long

IP:FLAG
FLAG- FLAG- FLAGempty TAL1- TAL1short long
kDa
100 -
75 -
63 -
$\square \rightarrow \square=\begin{array}{r}100= \\ 75-\end{array}$
63 -

TCF-3

TCF-12

Input
FLAG- FLAG- FLAGempty TAL1- TAL1short long
kDa

75 -
63 -
48 -
35 -
$25-$

IP:FLAG
FLAG- FLAG- FLAGempty TAL1- TAL1short long


## Related to Supplementary Fig 2C

| Lane 3 not <br> presented in <br> figure | Lane 3 not <br> presented in |
| :--- | :--- |
| figure |  |


| kDa | kDa |
| ---: | ---: |
| $75-$ | $75-$ |
| $63-$ | $63-$ |
| $48-$ |  |
| $35-$ | $48-$ |
| $25-$ |  |

## Related to Supplementary Fig 2F



TAL1
TAL1
$\begin{array}{cc}\text { HEK } & \text { HEK } \\ 293 T & \text { 293T } \\ & \Delta C T C F\end{array}$
kDa
75 -
63 -
48 -

## Related to Supplementary Fig 2H

| Lane 1-2 not presented in figure$\qquad$ $\mathbf{x}$ | HEK293T | Lane 5-6 not presented in figure | Lane 1-2 not presented in figure | HEK293T | Lane 5-6 not presented in figure |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  | Dcas9Dcas9 |  |  | Dcas9Dcas9 |  |
|  | p300 p300 | $\mathrm{x}^{\text {x }}$ | X | p300 p300 | X |
|  | core core |  |  | core core |  |
|  | (mut) (WT) |  |  | (mut) (WT) |  |

Cas9


## Related to Supplemental Fig 3B

HEK293T

## HEK293T

Empty TAL1 TAL1
short long
Empty TAL1 TAL1
short long
$\begin{array}{ll}\mathrm{kDa} \\ 75- \\ 63- & 75- \\ 48- & 63- \\ 35- & 48- \\ 25- & \end{array}$
$\alpha$-Tubulin
TAL1

## Related to Supplementary Fig 4A

| Input |  |  |
| :--- | :--- | :--- |
| GFP- | GFP- | GFP- |
| empty | TAL1- TAL1- |  |
|  | short | long |


| IP:GFP |  |
| :--- | :--- | :--- |
| GFP- GFP- GFP- <br> empty TAL1- <br> short TAL1- |  |
|  | shg |


| Input |  |  |
| :--- | :--- | :--- |
| GFP- | GFP- | GFP- |
| empty | TAL1- | TAL1- |
|  | short | long |

IP:GFP
GFP- GFP- GFP$\begin{array}{ll}\text { empty } & \begin{array}{l}\text { TAL1- TAL1- } \\ \text { short } \\ \end{array} \\ & \text { long }\end{array}$
$k D a$
$100-$
$75-$
$63-$
$k D a$
$100-$
$75-$
$63-$

Input
GFP- GFP- GFPempty TAL1- TAL1short long
kDa
75 .
63 -
48 -
$35-$
$25-$

Related to Supplementary Fig 4B

| Jurkat | Lane 4-5 not <br> presented in <br> figure |
| :--- | :---: |
| EmptyTAL1 TAL1 <br> short long | $\mathbf{x}$ |

Not presented in figure x short long
kDa

TAL1

| Jurkat | Lane 4-5 not <br> presented in <br> figure |
| :---: | :---: |
| EmptyTAL1 TAL1 <br> short long | $\mathbf{x}$ |

Not
presented in
figure
X

75
63 -
48 -
$\alpha$-Tubulin

Related to Supplementary Fig 6B

| k562 | Not <br> presented in <br> figure | $k 562$ |
| :--- | :--- | :--- |
| PLKO PLKO | $\mathbf{x}$ | PLKO PLKO |
| Empty shTAL1 | Empty shTAL1 |  |


| kDa | kDa |
| :--- | :--- |
| $75-$ |  |
| $63-$ |  |
| $48-$ |  |
| $35-$ |  |
| $25-$ |  |

$\alpha$-Tubulin

TAL1

## Related to Supplementary Fig 6C



