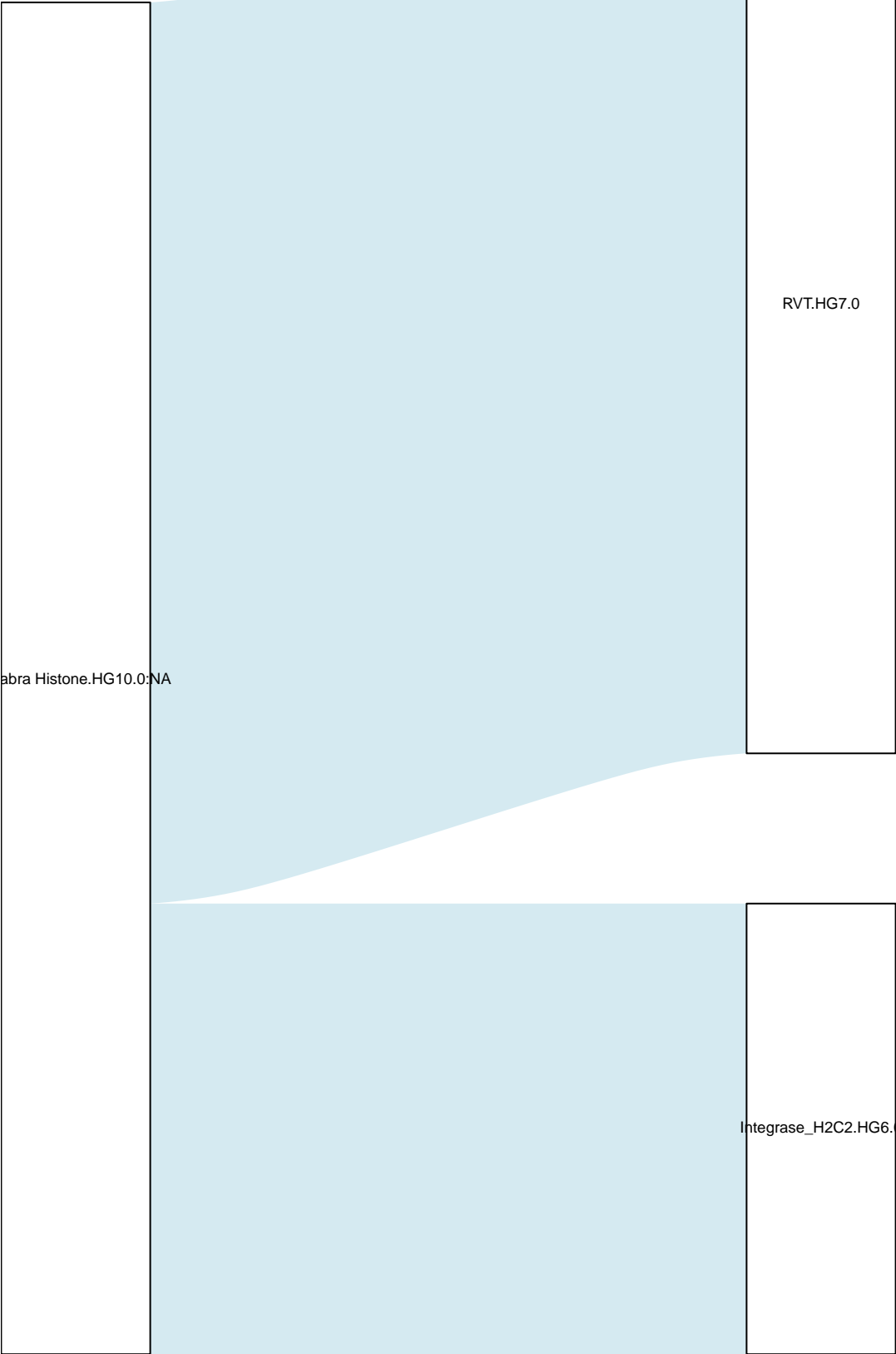


Histone RT domain fusions
Histone.HG10.0:NA



Histone RT domain fusions

Histone.HG2.5:H3-2/H3-3A/H3-3B/H3-4/H...

rtgen Histone.HG2.5:H3-2/H3-3A/H3-3B/H3-4/H... is RVT.HG15

Histone RT domain fusions

Histone.HG3.8:like:CU639417.1/H2BC1/H...

Histone.HG3.8:like:CU639417.1/H2BC1/H... is RVT.HG15.1,RVT.

Histone RT domain fusions

Histone.HG3.5:CU639417.1/H2BC1/H2BC3/...

pur Histone.HG3.5:CU639417.1/H2BC1/H2BC3/... is RVT.HG47.

Histone RT domain fusions

Histone.HG2.18:like:CENPA/H3-2/H3-3A/...

ymmic Histone.HG2.18:like:CENPA/H3-2/H3-3A/... is RVT.HG72

Acetyltransf_1 RT domain fusions

Acetyltransf_1.HG1.29:like:NAT14:like...

Acetyltransf_1.HG1.29:like:NAT14:like... is Integrase_H2C2.HG12.0,

Acetyltransf_1 RT domain fusions

Acetyltransf_1.HG2.0:KAT14

yltransf_1.HG2.0:KAT14 is Integrase_H2C2.HG1.29,rve.HG2.1,R

SIR2 RT domain fusions
SIR2.HG3.1:SIRT6

Chabra SIR2.HG3.1:SIRT6 is Integrase_H2C2.HG11.0

SET RT domain fusions
SET.HG1.19:SMYD1/SMYD2/SMYD3

Hydvul SET.HG1.19:SMYD1/SMYD2/SMYD3 is RVT.HG15.1

SET RT domain fusions
SET.HG7.1:like:PRDM1/PRDM2/PRDM6/PRDM...

mic SET.HG7.1:like:PRDM1/PRDM2/PRDM6/PRDM... is RVT.HG

SWIRM RT domain fusions

SWIRM.HG2.1:TADA2A

Chabra SWIRM.HG2.1:TADA2A is RVT.HG8.0

CupinJmjC RT domain fusions
CupinJmjC.HG1.5:like:KDM8:likeclu:45

Bremin CupinJmjC.HG1.5:like:KDM8:likeclu:45 is RVT.HG53.8

CupinJmjC RT domain fusions

CupinJmjC.HG3.0:RIOX2

Emue CupinJmjC.HG3.0:RIOX2 is RVT.HG35.0

CupinJmjC RT domain fusions

CupinJmjC.HG5.1:NA

Morvir CupinJmjC.HG5.1:NA is RVT.HG20.4

CupinJmjC RT domain fusions
CupinJmjC.HG1.15:like:KDM8:likeclu:45

cupinJmjC.HG1.15:like:KDM8:likeclu:45 is Integrase_H2C2.HG1.28

BIR RT domain fusions
BIR.HG1.0:BIRC5

Notgen BIR.HG1.0:BIRC5 is RVT.HG3.16

Bromodomain RT domain fusions

Bromodomain.HG1.16:like:BRD2/BRD3/BRD...

bromodomain.HG1.16:like:BRD2/BRD3/BRD... is Integrase_H2C2

Bromodomain RT domain fusions

Bromodomain.HG3.10:KAT2A/KAT2B

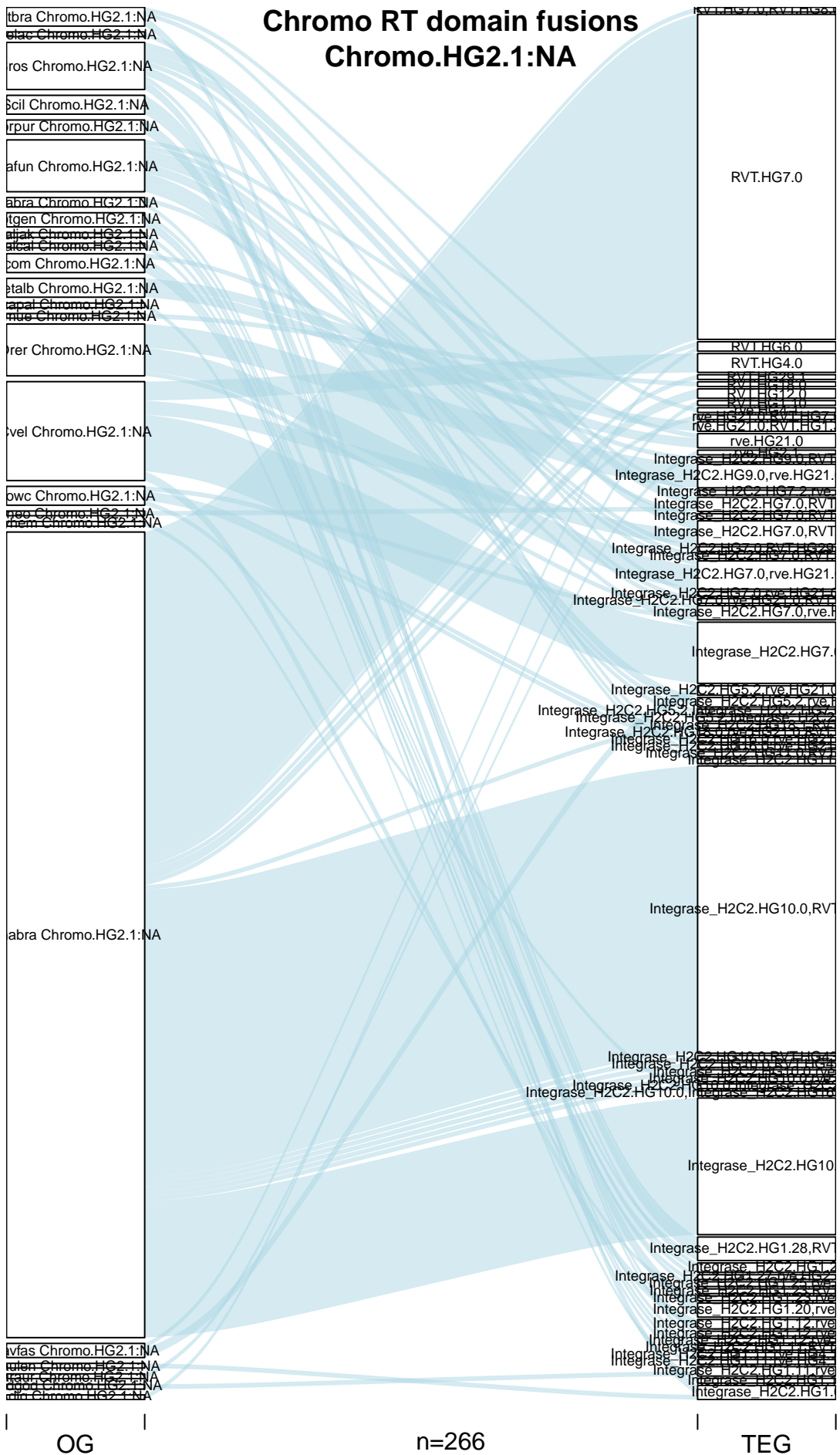
Morvir Bromodomain.HG3.10:KAT2A/KAT2B is RVT.HG25.0

Bromodomain RT domain fusions

Bromodomain.HG2.3:BRD7/BRD9

domain.HG2.3:BRD7/BRD9 is Integrase_H2C2.HG13.0,rve.HG4.

Chromo RT domain fusions



Chromo RT domain fusions
Chromo.HG3.3:NA

simul Chromo.HG3.3:NA

rve.HG4.1

abra Chromo.HG3.3:NA

Integrase_H2C2.HG5.1,rve.H

navo Chromo.HG3.3:NA

Integrase_H2C2.HG5.1,rve.HG10.

dgod Chromo.HG3.3:NA

Integrase_H2C2.HG14.3,rve.HG4.

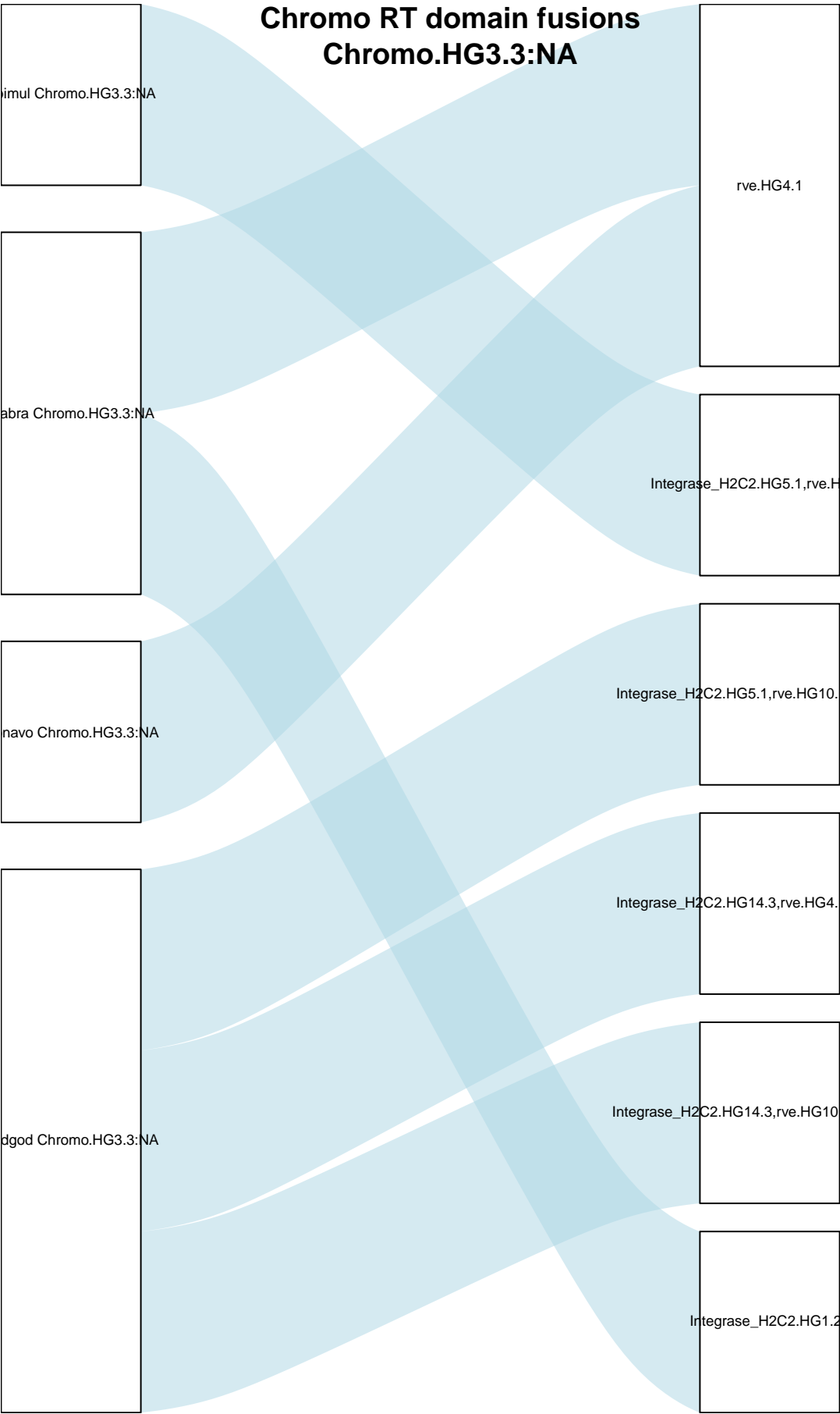
Integrase_H2C2.HG14.3,rve.HG10

Integrase_H2C2.HG1.2

OG

n=7

TEG



Chromo RT domain fusions
Chromo.HG3.0:NA

adh Chromo.HG3.0:NA

tgen Chromo.HG3.0:NA

orvir Chromo.HG3.0:NA

aljak Chromo.HG3.0:NA

alcal Chromo.HG3.0:NA

apal Chromo.HG3.0:NA

alan Chromo.HG3.0:NA

iraur Chromo.HG3.0:NA

rve.HG26.1

Integrase_H2C2.HG7.1,rve.

OG

n=15

TEG

Chromo RT domain fusions
Chromo.HG3.2:NA

tyfla Chromo.HG3.2:NA

Integrase_H2C2.HG13

rpur Chromo.HG3.2:NA

Integrase_H2C2.HG1.28,rve

Integrase_H2C2.HG1.2

Integrase_H2C2.HG1.27,rve

Integrase_H2C2.HG1.2

tgen Chromo.HG3.2:NA

Integrase_H2C2.HG1.20,rve.HG2.

Integrase_H2C2.HG1.20,rve

vel Chromo.HG3.2:NA

Integrase_H2C2.HG1.12,RVT

Integrase_H2C2.HG1.12,RVT

Integrase_H2C2.HG1.1

Integrase_H2C2.HG1.11,RVT

hem Chromo.HG3.2:NA

Integrase_H2C2.HG1.10,rve

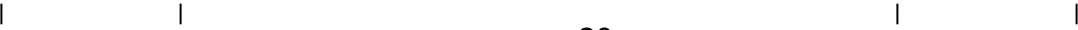
ocri Chromo.HG3.2:NA

Integrase_H2C2.HG1.10,rve.HG10.

OG

n=20

TEG



Chromo RT domain fusions
Chromo.HG2.0:NA

rve.HG2.1

hoci Chromo.HG2.0:NA

Integrase_H2C2.HG1.28,rve

OG

n=5

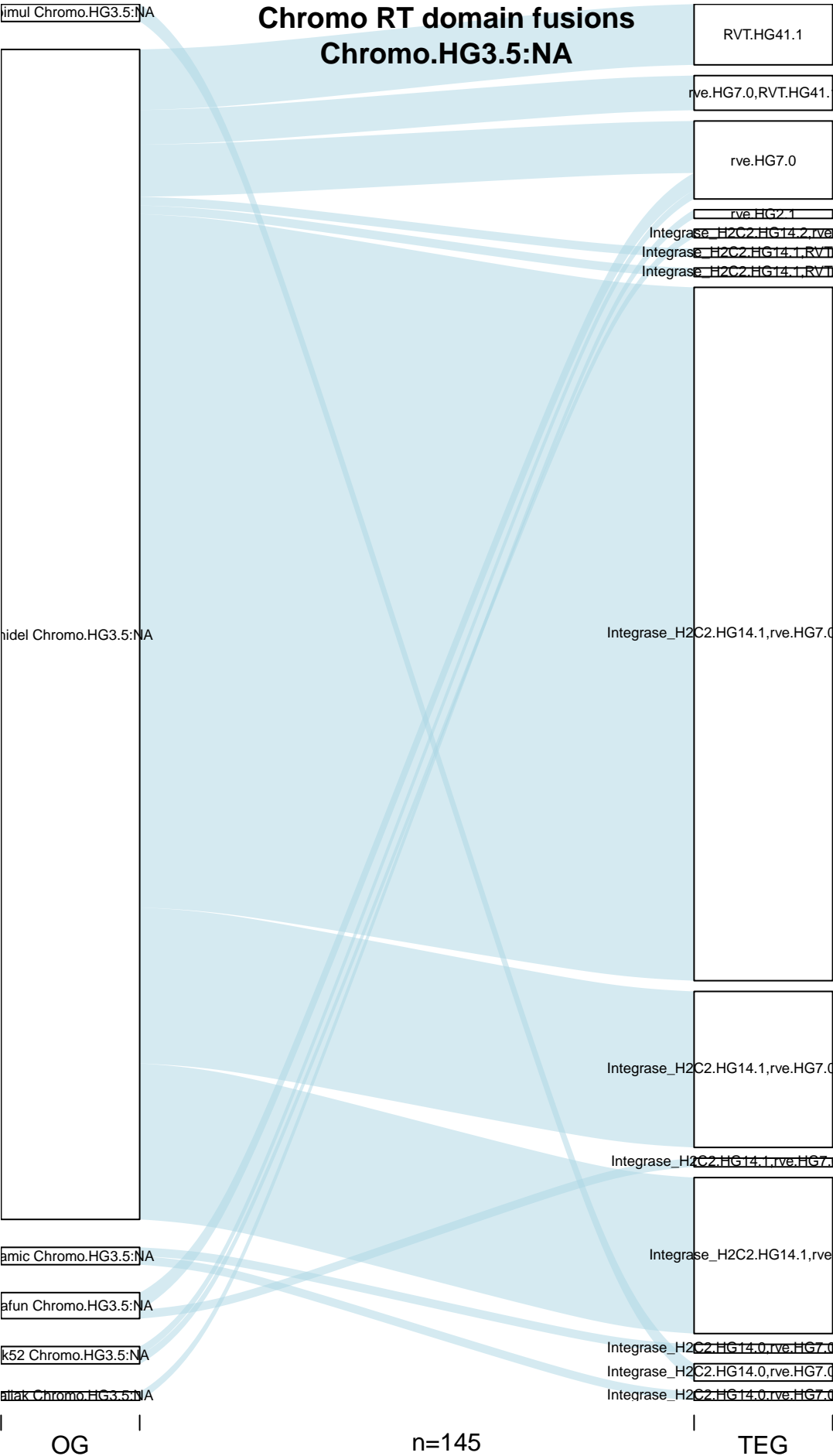
TEG

Chromo RT domain fusions
Chromo.HG5.2:like:CHD6/CHD7/CHD8/CHD9...

sil Chromo.HG5.2:like:CHD6/CHD7/CHD8/CHD9... is RVT.HG26.

Chromo RT domain fusions

Chromo.HG3.5:NA



Chromo RT domain fusions
Chromo.HG6.0:NA

Rirr Chromo.HG6.0:NA

rve.HG27.1

Mlei Chromo.HG6.0:NA

rve.HG26.1

OG

n=21

TEG

Chromo RT domain fusions

Chromo.HG4.1:CHD1/CHD2

Morvir Chromo.HG4.1:CHD1/CHD2 is RVT.HG25.0

Chromo RT domain fusions

Chromo.HG3.4:NA

Spimul Chromo.HG3.4:NA is RVT.HG21.5

PHD RT domain fusions
PHD.HG9.1:NA

Sphfal PHD.HG9.1:NA

Ptyfla PHD.HG9.1:NA

hoaus PHD.HG9.1:NA

Klenit PHD.HG9.1:NA

Emue PHD.HG9.1:NA

Crei PHD.HG9.1:NA

habra PHD.HG9.1:NA

Apla PHD.HG9.1:NA

RVT.HG6.0

RVT.HG18.0

rve.HG2.1

Integrase_H2C2.HG7.2,rve.HG2.1

Integrase_H2C2.HG5.2,rve.HG2.1

Integrase_H2C2.HG5.2,rve.HG2.1

Integrase_H2C2.HG5.2,rve.HG2.1

Integrase_H2C2.HG19

Integrase_H2C2.HG16

Integrase_H2C2.HG13.0,rve.HG2.1

Integrase_H2C2.HG13.0,rve.HG2.1

Integrase_H2C2.HG11.0,RVT.HG6.0

Integrase_H2C2.HG11.0,RVT.HG6.0

Integrase_H2C2.HG11.0,rve.HG2.1

Integrase_H2C2.HG11

Integrase_H2C2.HG1.26,RVT.HG6.0

Integrase_H2C2.HG1.26,rve.HG16.0

Integrase_H2C2.HG1.2

OG

n=30

TEG

PHD RT domain fusions
PHD.HG11.0:like:PYGO1/PYGO2:likeclu:2

PHD.HG11.0:like:PYGO1/PYGO2:likeclu:2

RVT.HG5.11

RVT.HG3.5

PHD.HG11.0:like:PYGO1/PYGO2:likeclu:2

RVT.HG14.9

PHD.HG11.0:like:PYGO1/PYGO2:likeclu:2

RVT.HG14.16

OG

n=6

TEG

PHD RT domain fusions

PHD.HG23.1:NA

Chabra PHD.HG23.1:NA is Integrase_H2C2.HG8.1,rve.HG8.0

PHD RT domain fusions
PHD.HG15.0:RSF1

Chabra PHD.HG15.0:RSF1 is RVT.HG8.0

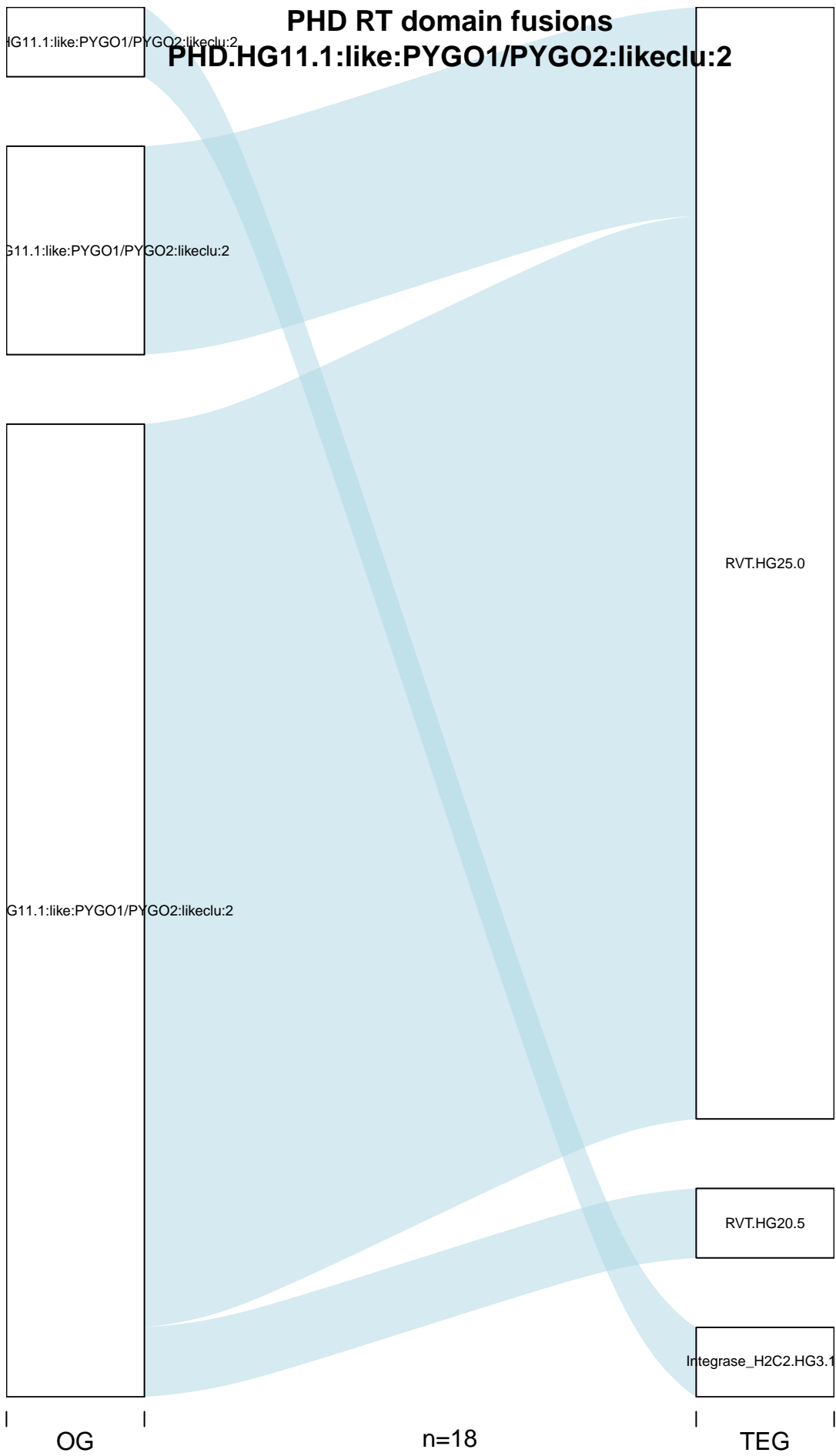
PHD RT domain fusions
PHD.HG4.5:BAZ1A/BAZ1B/BAZ2A/BAZ2B

Shabra PHD.HG4.5:BAZ1A/BAZ1B/BAZ2A/BAZ2B is RVT.HG11.

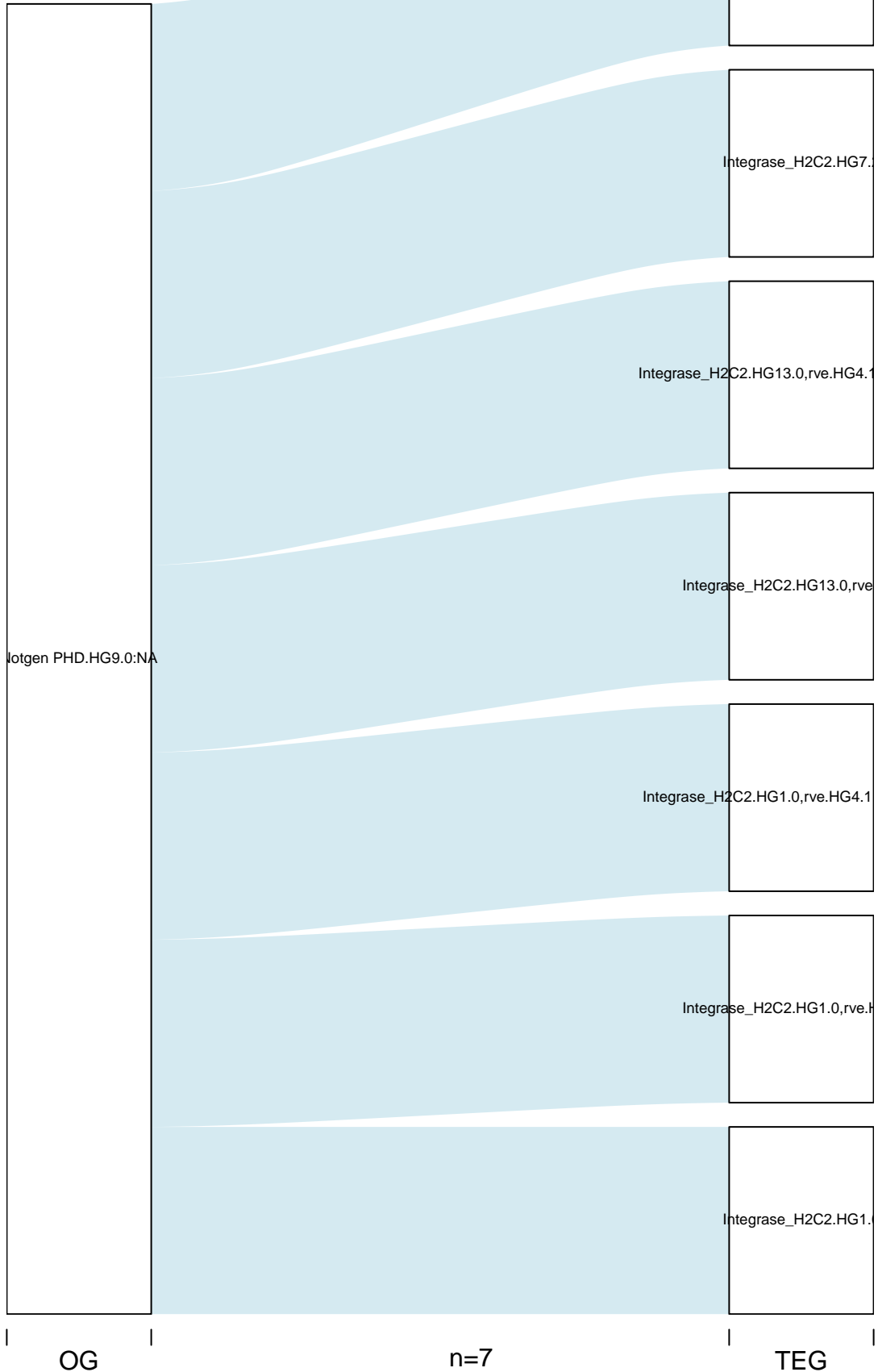
PHD RT domain fusions
PHD.HG11.2:PYGO1/PYGO2

Hydvul PHD.HG11.2:PYGO1/PYGO2 is RVT.HG3.18

PHD.HG11.1:like:PYGO1/PYGO2:likeclu:2



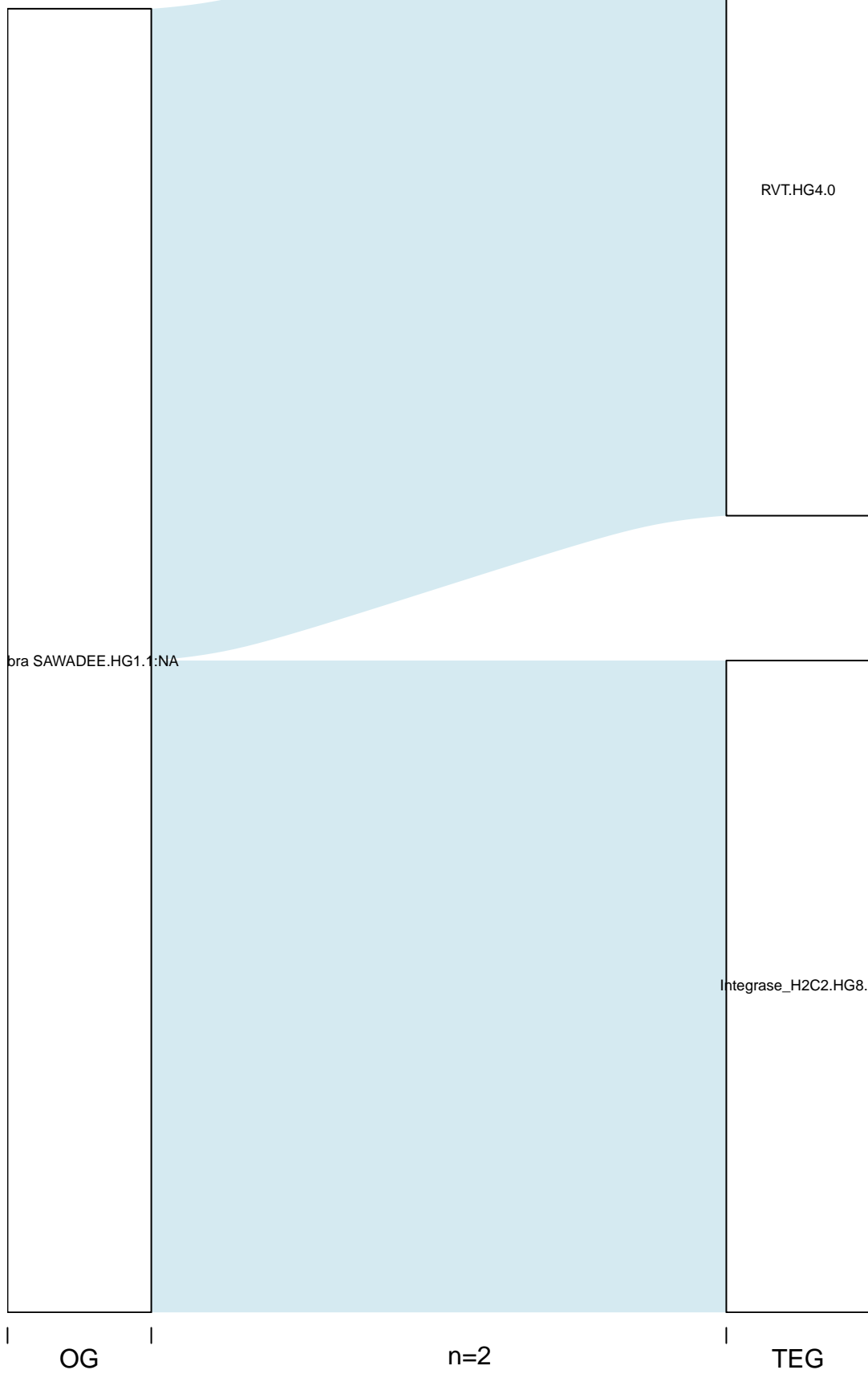
PHD RT domain fusions PHD.HG9.0:NA



PWWP RT domain fusions
PWWP.HG1.8:AC098650.1/GLYR1/HDGFL1/HD...

vir PWWP.HG1.8:AC098650.1/GLYR1/HDGFL1/HD... is RVT.HG:

SAWADEE RT domain fusions SAWADEE.HG1.1:NA



TUDOR RT domain fusions
TUDOR.HG1.4:like:AKAP1/RNF17/SND1/STK...

aur TUDOR.HG1.4:like:AKAP1/RNF17/SND1/STK... is RVT.HG5

TUDOR RT domain fusions
TUDOR.HG1.28:like:TDRD6/TDRD15:likecl...

!.HG1.28:like:TDRD6/TDRD15:likecl... is Integrase_H2C2.HG1.2i

TUDOR RT domain fusions
TUDOR.HG1.42:like:AKAP1:likeclu:43

Mlei TUDOR.HG1.42:like:AKAP1:likeclu:43 is RVT.HG3.10

TUDOR RT domain fusions
TUDOR.HG1.33:like:AKAP1/RNF17/SND1/ST...

orvir TUDOR.HG1.33:like:AKAP1/RNF17/SND1/ST... is RVT.HG2I

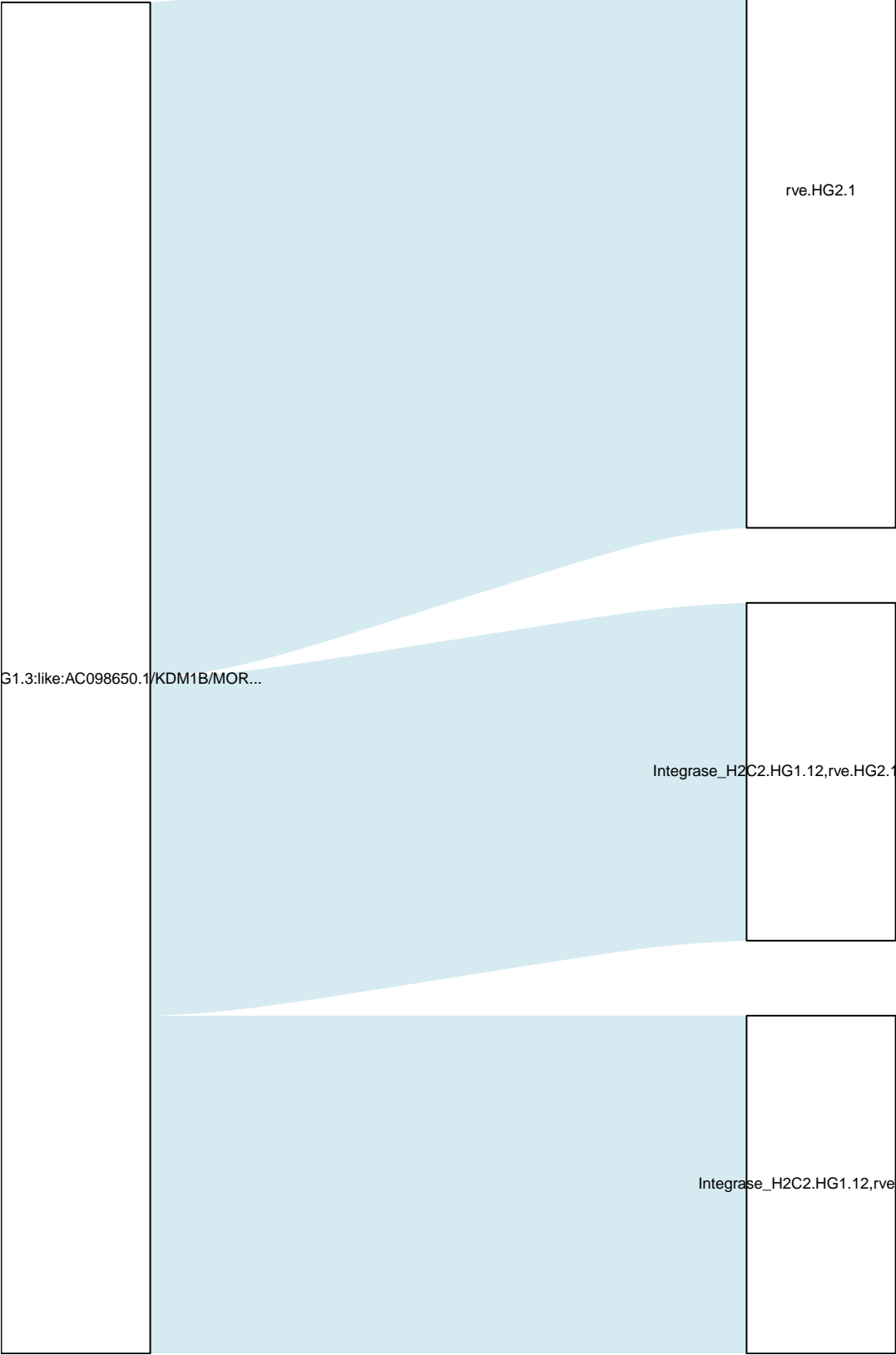
TUDOR RT domain fusions
TUDOR.HG1.20:TDRD6/TDRD15

Morvir TUDOR.HG1.20:TDRD6/TDRD15 is RVT.HG28.17

TUDOR RT domain fusions
TUDOR.HG1.21:like:TDRD6/TDRD15:likecl...

lorvir TUDOR.HG1.21:like:TDRD6/TDRD15:likecl... is RVT.HG20.

zf-CW RT domain fusions
zf-CW.HG1.3:like:AC098650.1/KDM1B/MOR...



OG

n=4

TEG

zf–CW RT domain fusions
zf–CW.HG1.14:AC098650.1/ZCWPW2

Morvir zf–CW.HG1.14:AC098650.1/ZCWPW2 is RVT.HG28.5

zf–CW RT domain fusions
zf–CW.HG1.16:MORC1/MORC2/MORC3/MORC4

ir zf–CW.HG1.16:MORC1/MORC2/MORC3/MORC4 is RVT.HG2

YEATS RT domain fusions

YEATS.HG1.6:YEATS2

EATS.HG1.6:YEATS2 is Integrase_H2C2.HG2.19,rve.HG1.20,Rv

SNF2_N RT domain fusions
SNF2_N.HG1.17:like:HLTF/TTF2:likeclu:...

Bremin SNF2_N.HG1.17:like:HLTF/TTF2:likeclu:... is rve.HG2.1

SNF2_N RT domain fusions
SNF2_N.HG7.7:like:RAD54B/RAD54L:likec...

SNF2_N.HG7.7:like:RAD54B/RAD54L:likec... is Integrase_H2C2

SNF2_N RT domain fusions

SNF2_N.HG11.1:BTAF1

Morvir SNF2_N.HG11.1:BTAF1 is RVT.HG47.12

SNF2_N RT domain fusions

SNF2_N.HG3.5:ERCC6L

Morvir SNF2_N.HG3.5:ERCC6L is RVT.HG21.0

SNF2_N RT domain fusions

SNF2_N.HG2.7:SMARCAD1

Morvir SNF2_N.HG2.7:SMARCAD1 is RVT.HG20.9

SNF2_N RT domain fusions

SNF2_N.HG13.0:INO80

Morvir SNF2_N.HG13.0:INO80 is RVT.HG20.5,RVT.HG21.11

SNF2_N RT domain fusions
SNF2_N.HG7.8:RAD54B/RAD54L

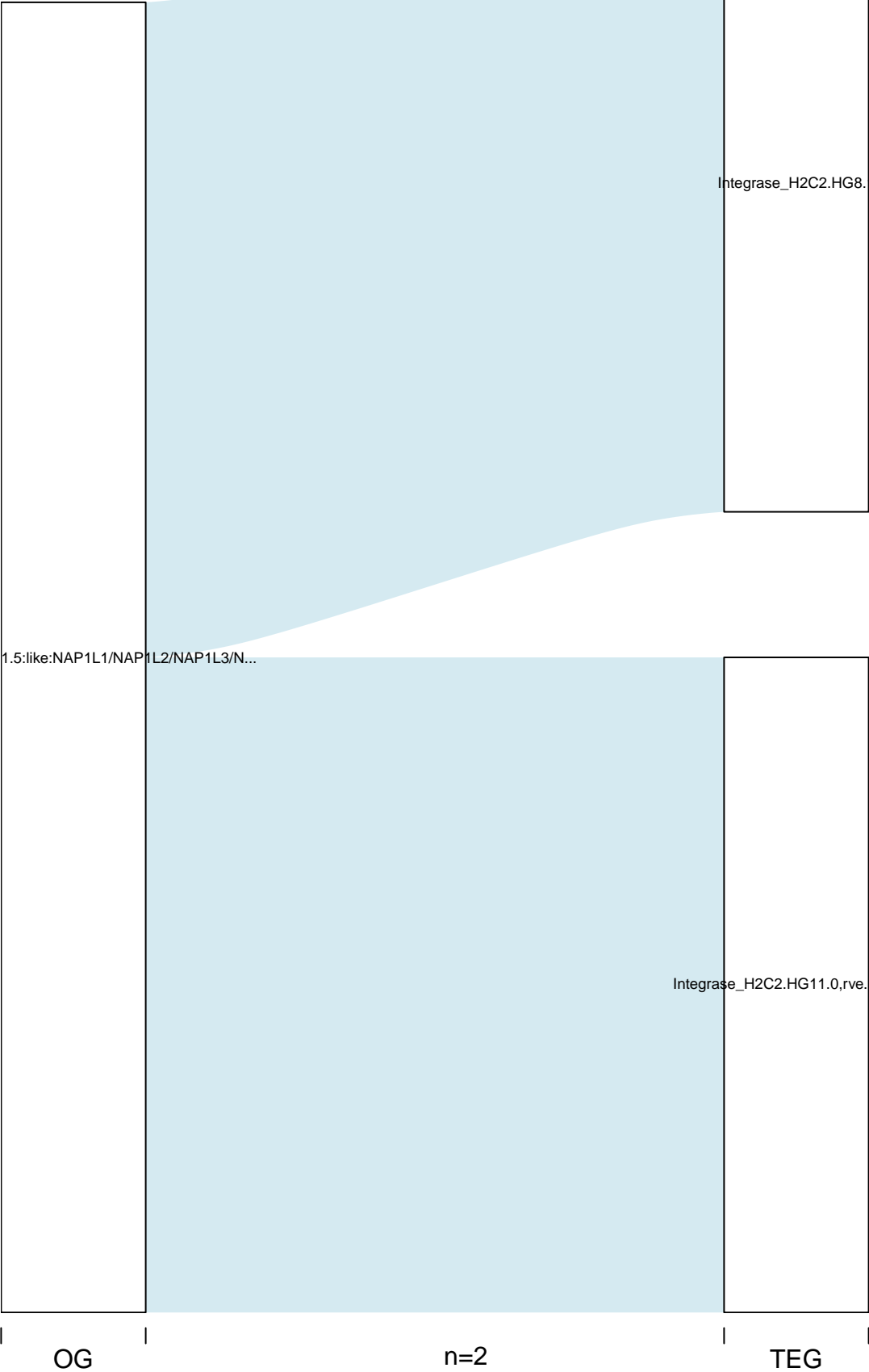
Morvir SNF2_N.HG7.8:RAD54B/RAD54L is RVT.HG5.12

Hira RT domain fusions

Hira.HG1.0:HIRA

Skow Hira.HG1.0:HIRA is Integrase_H2C2.HG3.22

NAP RT domain fusions
NAP.HG1.5:like:NAP1L1/NAP1L2/NAP1L3/N...



NAP RT domain fusions
NAP.HG1.1:like:NAP1L1/NAP1L2/NAP1L3/N...

NAP.HG1.1:like:NAP1L1/NAP1L2/NAP1L3/N... is Integrase_H2C

SSrecog RT domain fusions

SSrecog.HG1.1:SSRP1

Hydvul SSrecog.HG1.1:SSRP1 is RVT.HG15.1

Dpy-30 RT domain fusions
Dpy-30.HG1.6:like:NME5:likeclu:7

Dpy-30.HG1.6:like:NME5:likeclu:7 is Integrase_H2C2.HG8.1,rve

PTIP RT domain fusions
PTIP.HG1.15:like:BRCA1/ECT2/MCPH1/PAX...

dvul PTIP.HG1.15:like:BRCA1/ECT2/MCPH1/PAX... is RVT.HG1:

PTIP RT domain fusions
PTIP.HG1.33:BRCA1

Morvir PTIP.HG1.33:BRCA1 is RVT.HG21.6

PTIP RT domain fusions
PTIP.HG1.25:MCPH1

Spur PTIP.HG1.25:MCPH1 is RVT.HG51.4

PCRing RT domain fusions
PCRing.HG0.1:BMI1/COMMD3–BMI1/PCGF1/P...

jen PCRing.HG0.1:BMI1/COMMD3–BMI1/PCGF1/P... is RVT.HG

SAM RT domain fusions
SAM.HG3.14:like:ANKS1A/ANKS1B/CASKIN1...

ike:ANKS1A/ANKS1B/CASKIN1... is Integrase_H2C2.HG2.19,rv

SAM RT domain fusions

SAM.HG1.3:SAMHD1

Morvir SAM.HG1.3:SAMHD1 is RVT.HG27.1

SAM RT domain fusions
SAM.HG3.1:like:ANKS1A/ANKS1B/CASKIN1/...

ce:ANKS1A/ANKS1B/CASKIN1/... is Integrase_H2C2.HG4.4,rve.

Kelch RT domain fusions

Kelch.HG0.14:KLHDC3

libra Kelch.HG0.14:KLHDC3 is Integrase_H2C2.HG16.0,RVT.HG4