Supplemental list of sequence logos

This file presents KLID-base sequence logos of complete mixtures generated throughout the study. Shown are KLID-based sequence logos for two to eight-component mixtures (M02 to M08). The file is divided into two parts:

Part 1: mixture component logo for virus-representative (pages 2 - 10)

Component sequence logos of representative IS mixtures for HIV, HTLV, MLV, MVV, PFV, PFV, and ASLV. IS sets used for the mixture estimations are named in following table:

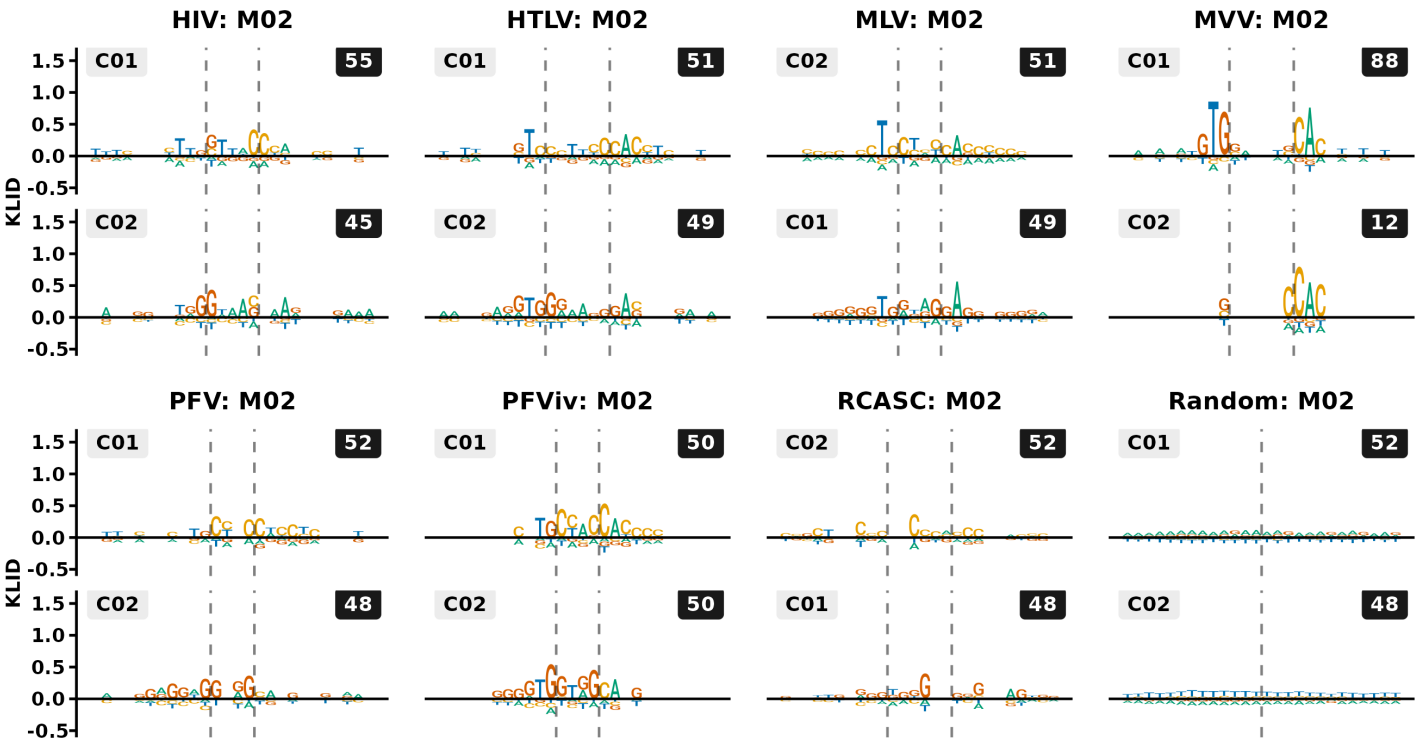
Virus	Cells	#IS	Publication
HTLV	Jurkat	4521	Kirk et al. 2016
HIV	Jurkat	161470	Zhyvoloup et al. 2017
MLV	Human CD34+	57991	De Ravin et al. 2014
MVV	HEK293T	411721	Ballandras-Colas et al 2022
PFV	HT1080	55384	Lesbats et al. 2017
ASLV	CEF	2096	Malhotra et al. 2017

Part 2: Comparing mixture components for HIV and HTLV IS data sets (pages 11 - 19)

Side-by-side comparison of estimated mixtures of experimentally independent IS sets representing similar viruses. Data sets used are named in the following table:

Virus	Cells	#IS	Publication
HTLV	Jurkat	4521	Kirk et al. 2016
HTLV	patient PBMC	162760	Melamed et al. 2022
HTLV	cell culture (various)	235150	Melamed et al. 2022
HIV	Jurkat	161470	Zhyvoloup et al. 2017
HIV	SupT1	16803	Vansant et al. 2020
HIV	patient PBMC	22225	Melamed et al. 2022
HIV	cell culture (various)	33081	Melamed et al. 2022

Part 1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HTLV: M02
MLV: M02
MVV: M02
PFV: M02
PFViv: M02
RCASC: M02
Random: M02
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C02
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51
88
45
49
49
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52
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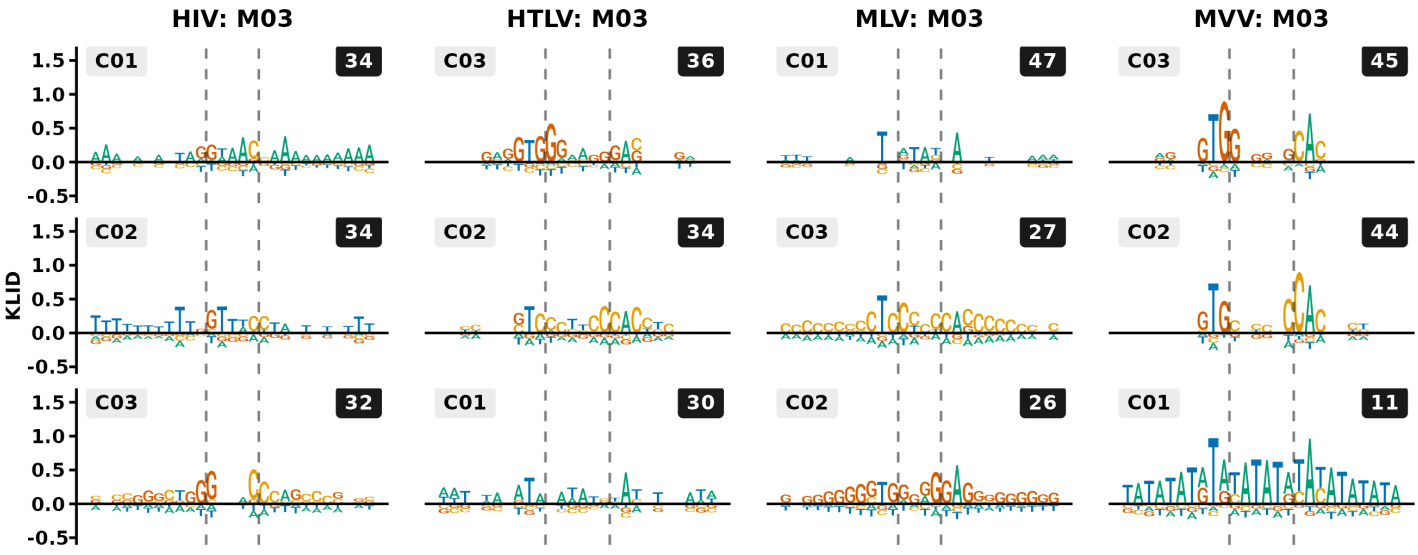
52
48
50
48
48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HTLV: M03
MLV: M03
MVV: M03
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C02
C03
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34
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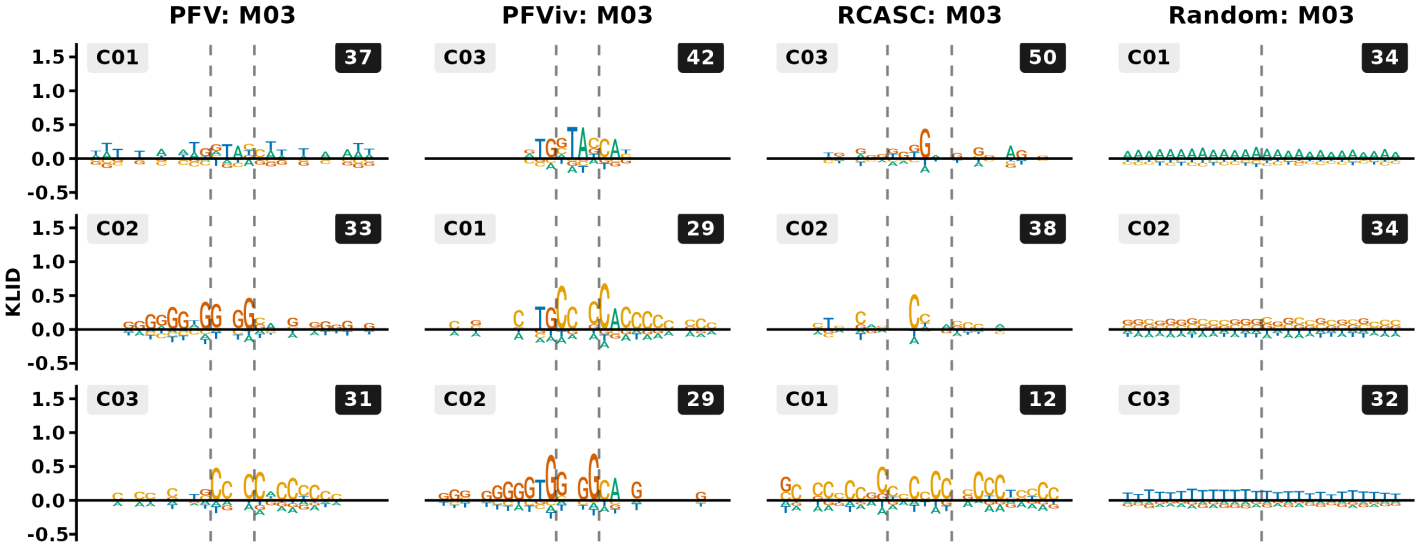
26
45
44
11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PFViv: M03
RCASC: M03
Random: M03
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C02
C03
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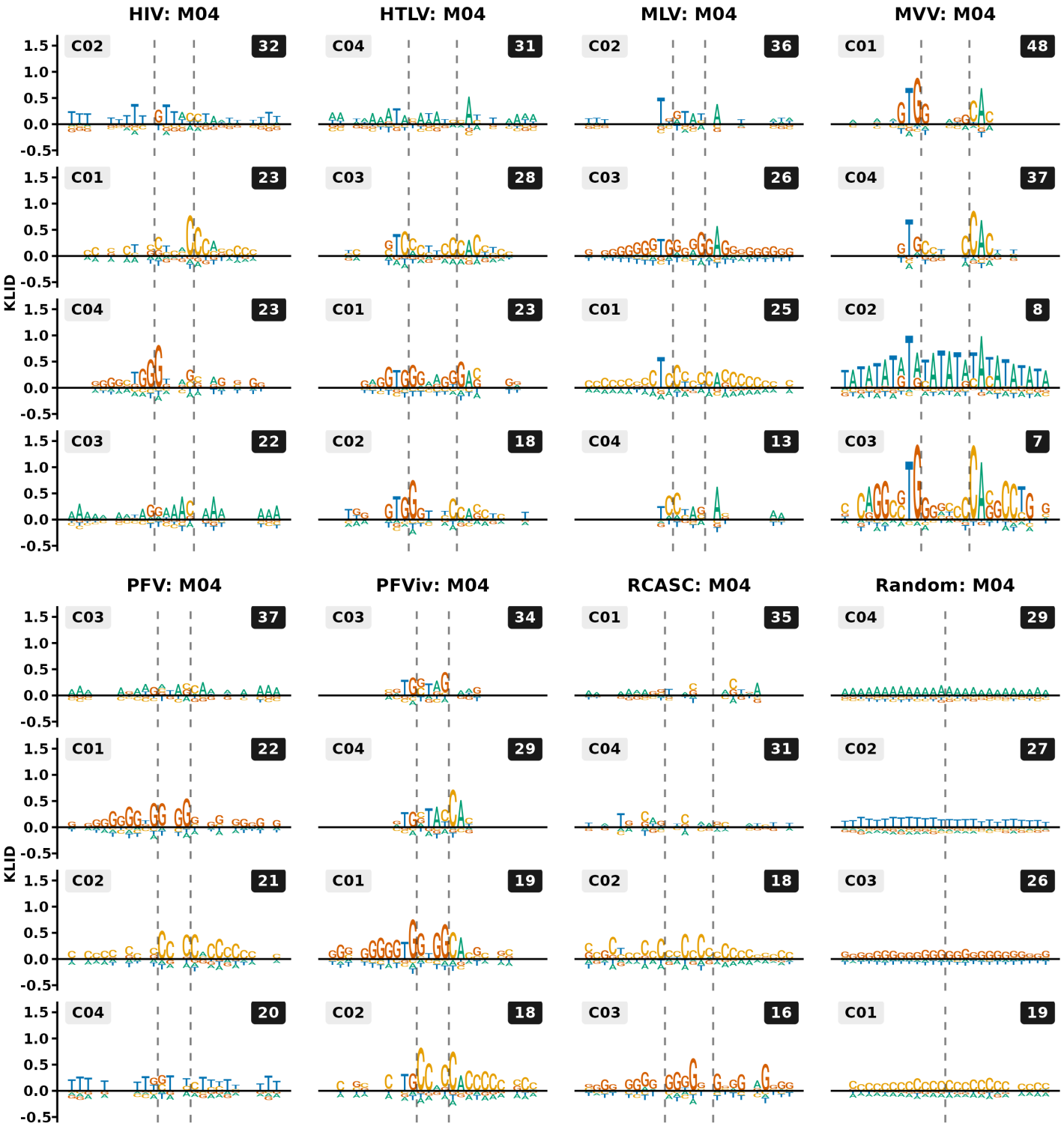
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HTLV: M04
MLV: M04
MVV: M04
PFV: M04
PFViv: M04
RCASC: M04
Random: M04
KLID
KLID
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C04 31
C02 36
C01 48
C01 23
C03 28
C03 26
C04 37
C04 23
C01 23
C01 25
C02 8
C03 22
C02 18
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C03 34
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C04 31
C02 27
C02 21
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C04 20
C02 18
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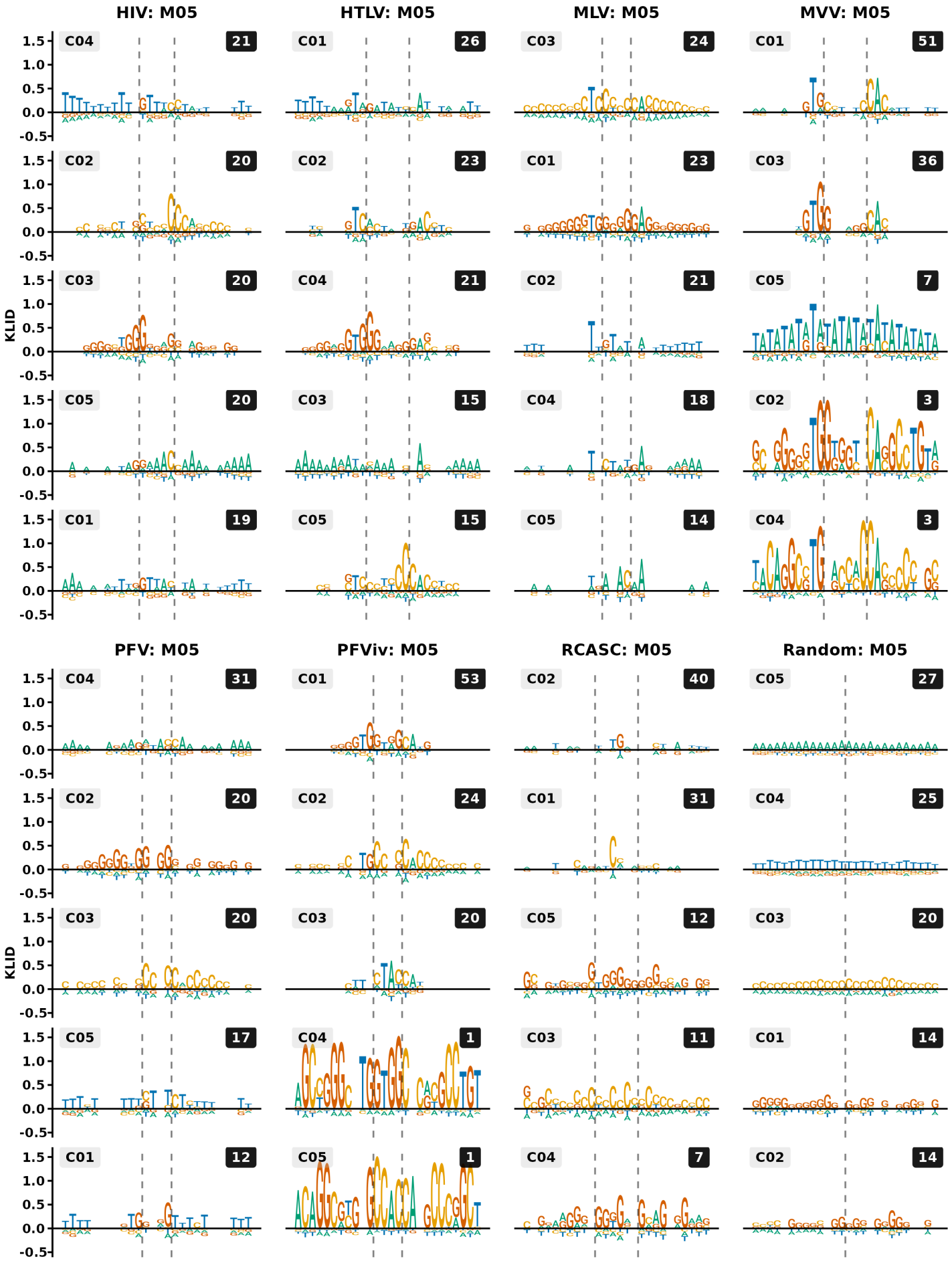
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MLV: M05
MVV: M05
PFV: M05
PFViv: M05
RCASC: M05
Random: M05
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KLID
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C03 24
C01 51
C02 20
C02 23
C01 23
C03 36
C03 20
C04 21
C02 21
C05 7
C05 20
C03 15
C04 18
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C05 15
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C05 27
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C02 24
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C05 12
C03 20
C05 17
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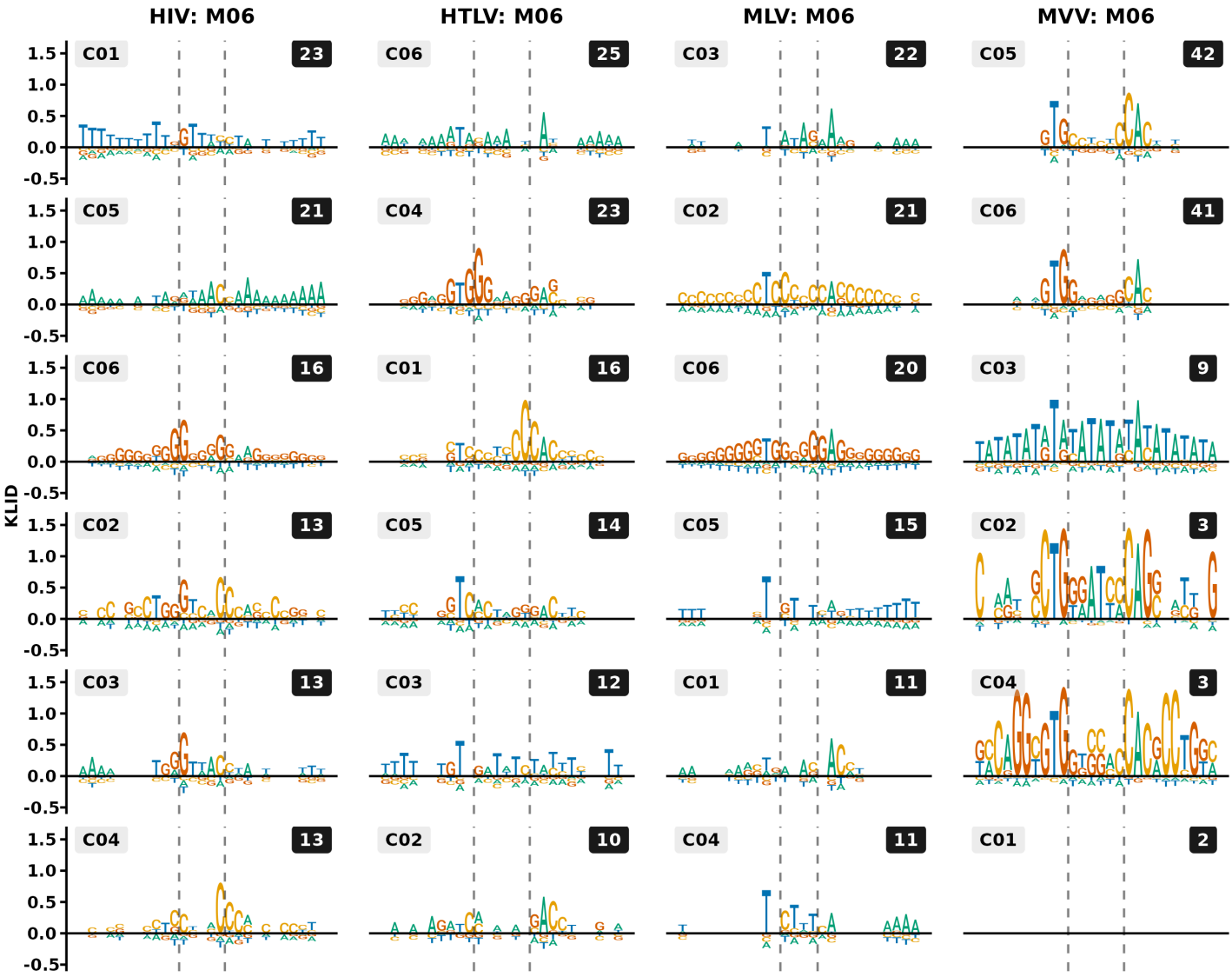
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HTLV: M06
MLV: M06
MVV: M06
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C03 22
C05 42
C05 21
C04 23
C02 21
C06 41
C06 16
C01 16
C06 20
C03 9
C02 13
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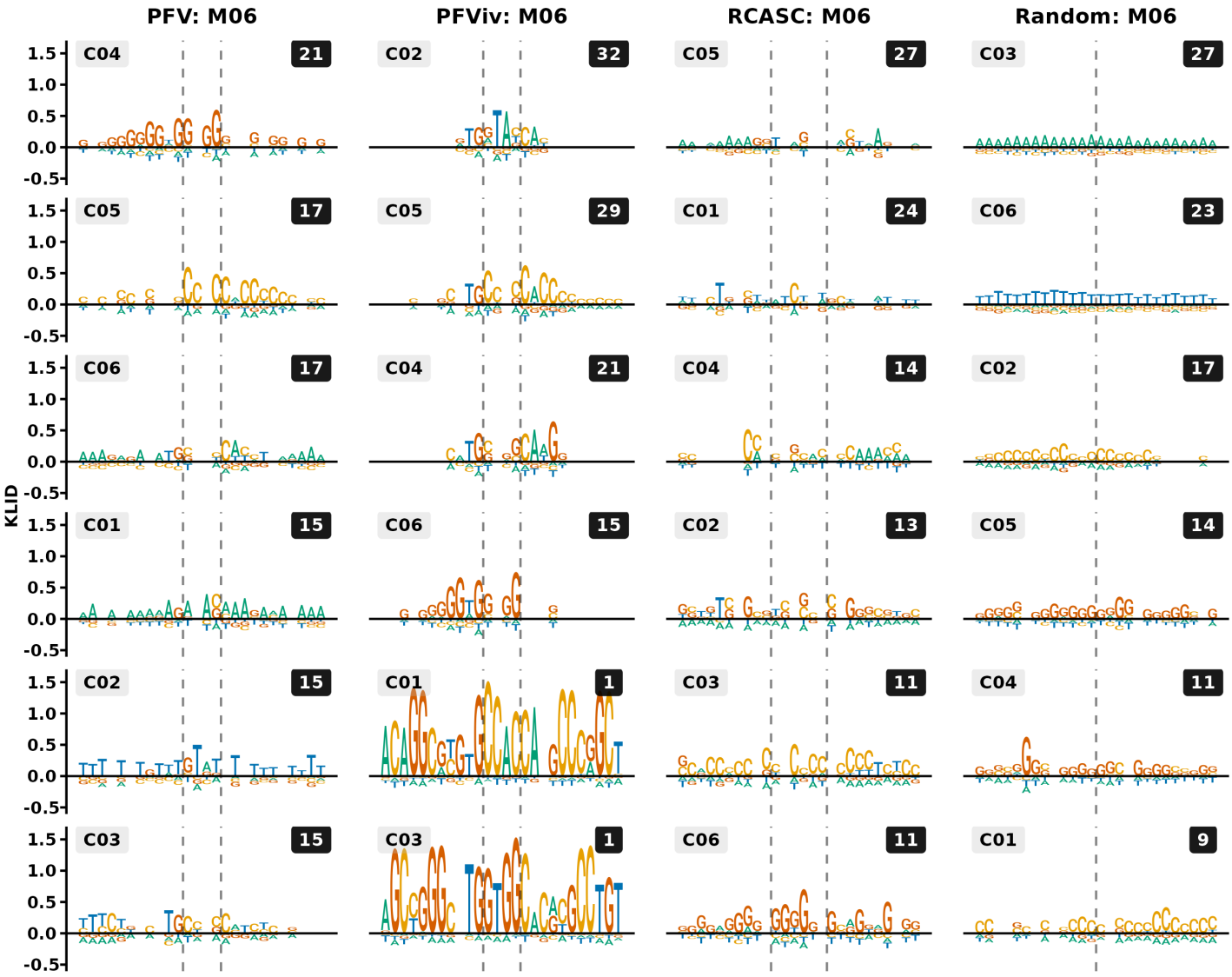
C05 15
C02 3
C03 13
C03 12
C01 11
C04 3
C04 13
C02 10
C04 11
C01 2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RCASC: M06
Random: M06
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C03 27
C05 17
C05 29
C01 24
C06 23
C06 17
C04 21
C04 14
C02 17
C01 15
C06 15
C02 13
C05 14
C02 15
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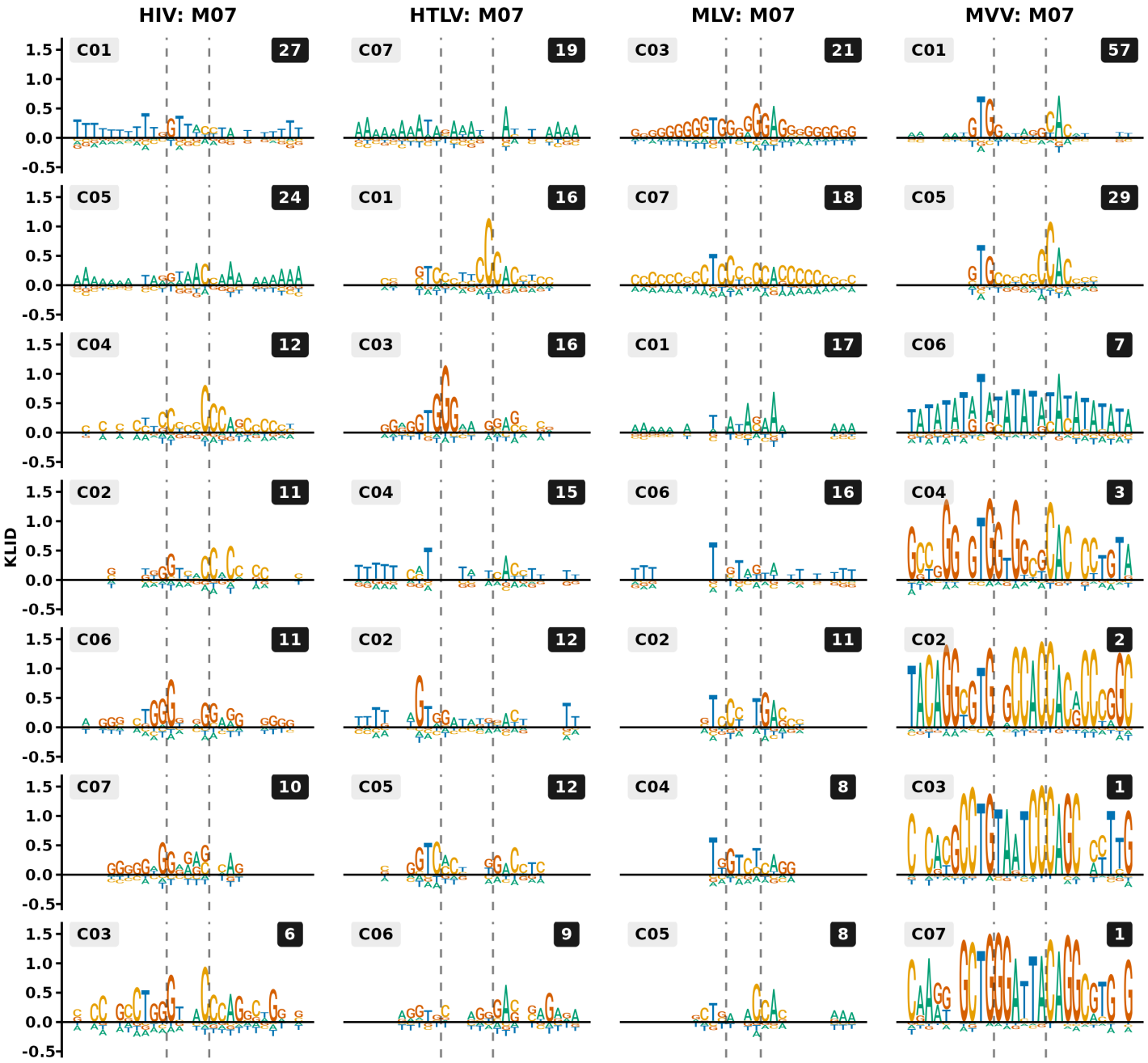
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MLV: M07
MVV: M07
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C01 57
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C01 16
C07 18
C05 29
C04 12
C03 16
C01 17
C06 7
C02 11
C04 15
C06 16
C04 3
C06 11
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C02 11
C02 2
C07 10
C05 12
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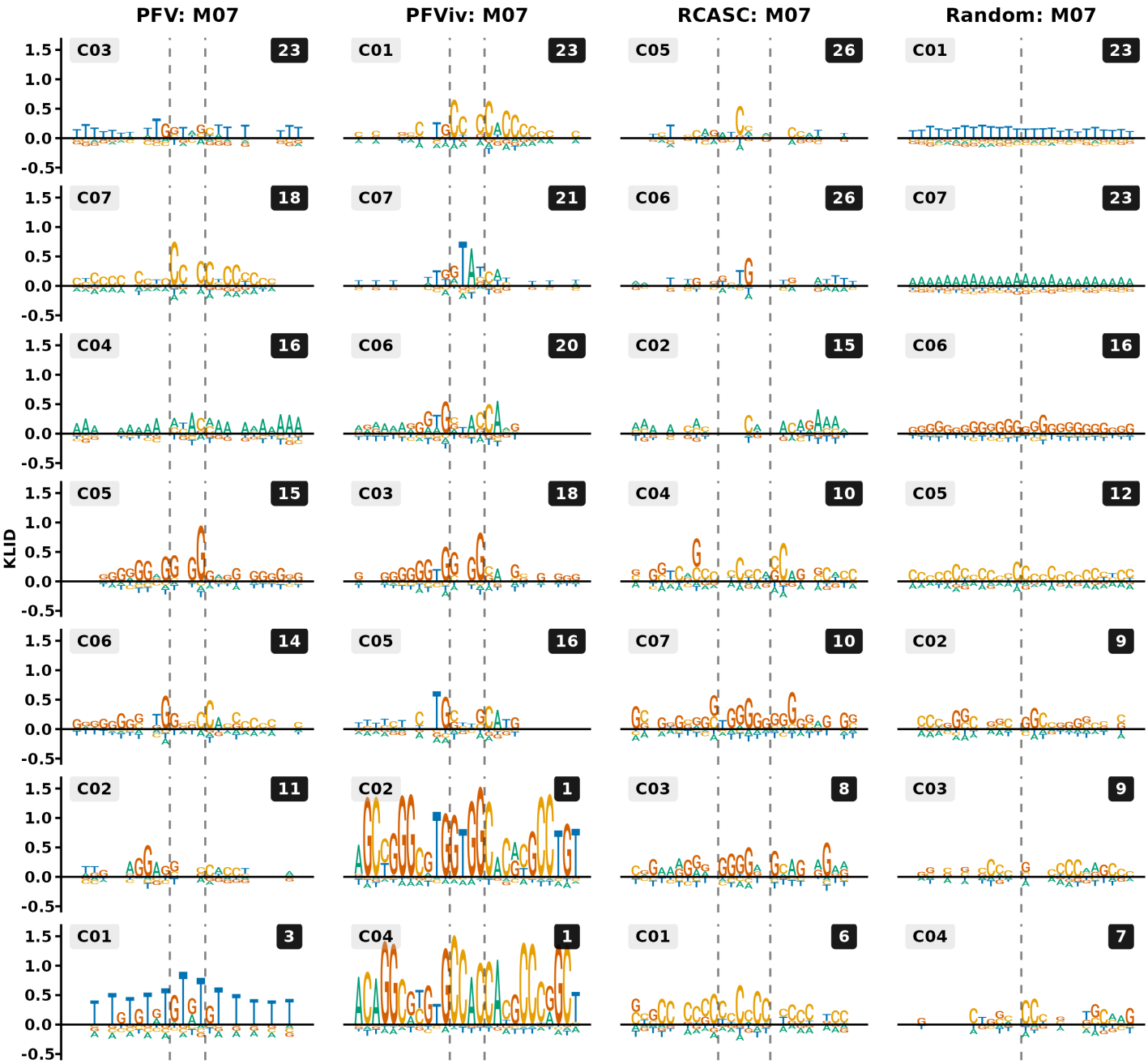
C03 1
C03 6
C06 9
C05 8
C07 1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PFViv: M07
RCASC: M07
Random: M07
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C01 23
C05 26
C01 23
C07 18
C07 21
C06 26
C07 23
C04 16
C06 20
C02 15
C06 16
C05 15
C03 18
C04 10
C05 12
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C02 9
C02 11
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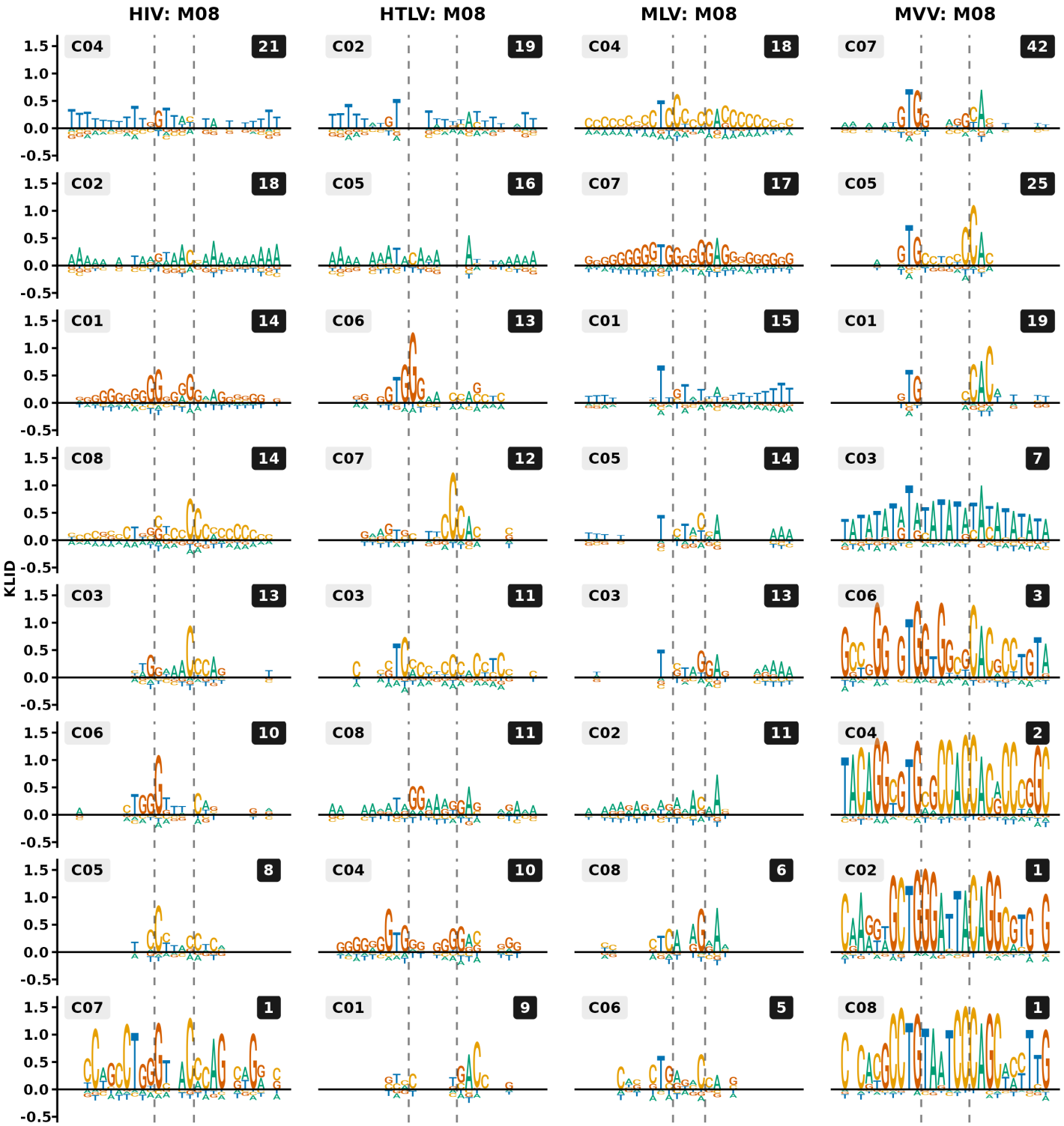
C03 9
C01 3
C04 1
C01 6
C04 7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HTLV: M08
MLV: M08
MVV: M08
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C04 18
C07 42
C02 18
C05 16
C07 17
C05 25
C01 14
C06 13
C01 15
C01 19
C08 14
C07 12
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C03 7
C03 13
C03 11
C03 13
C06 3
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C05 8
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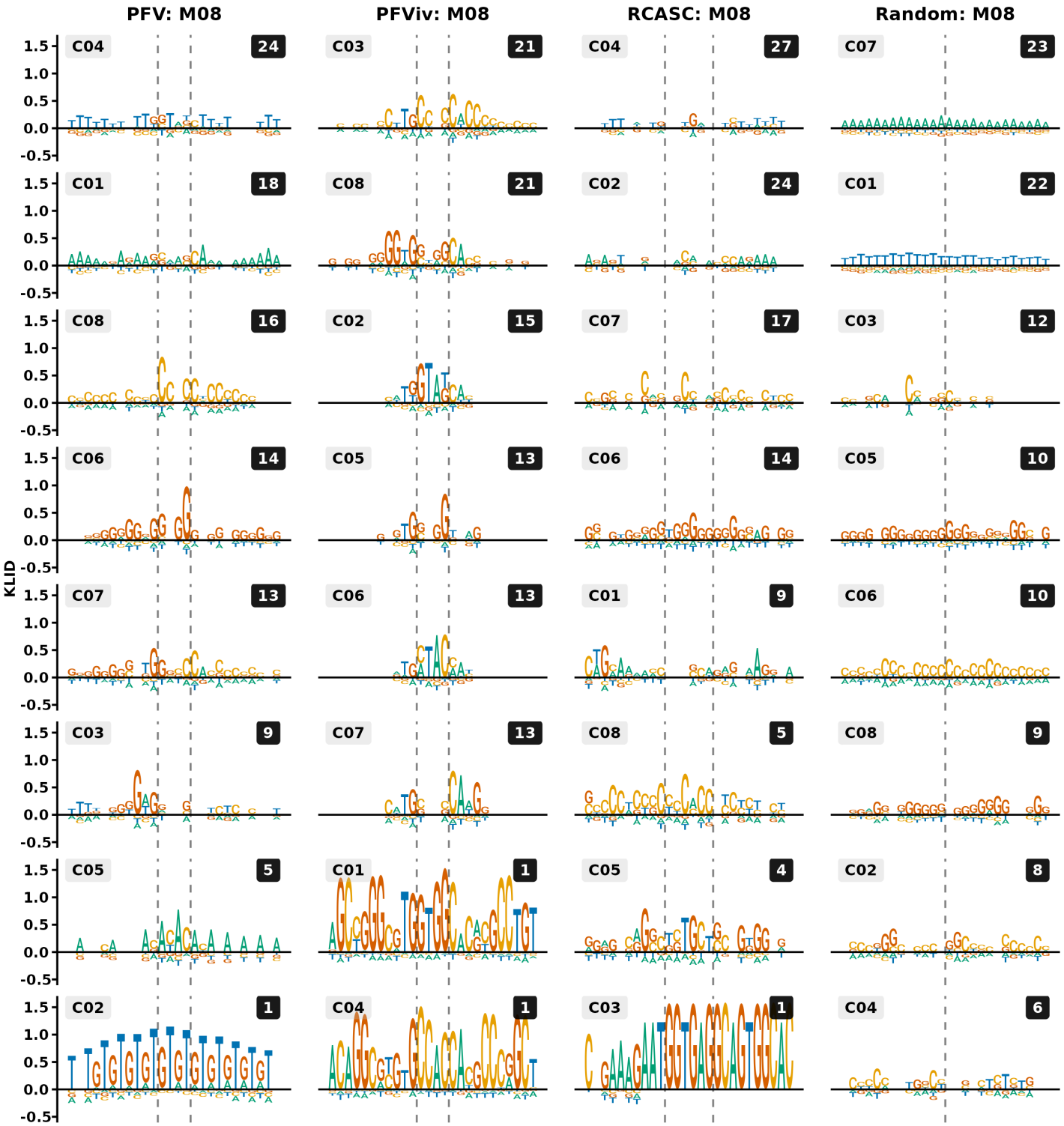
C02 1
C07 1
C01 9
C06 5
C08 1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C08 5
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C05 5
C01 1
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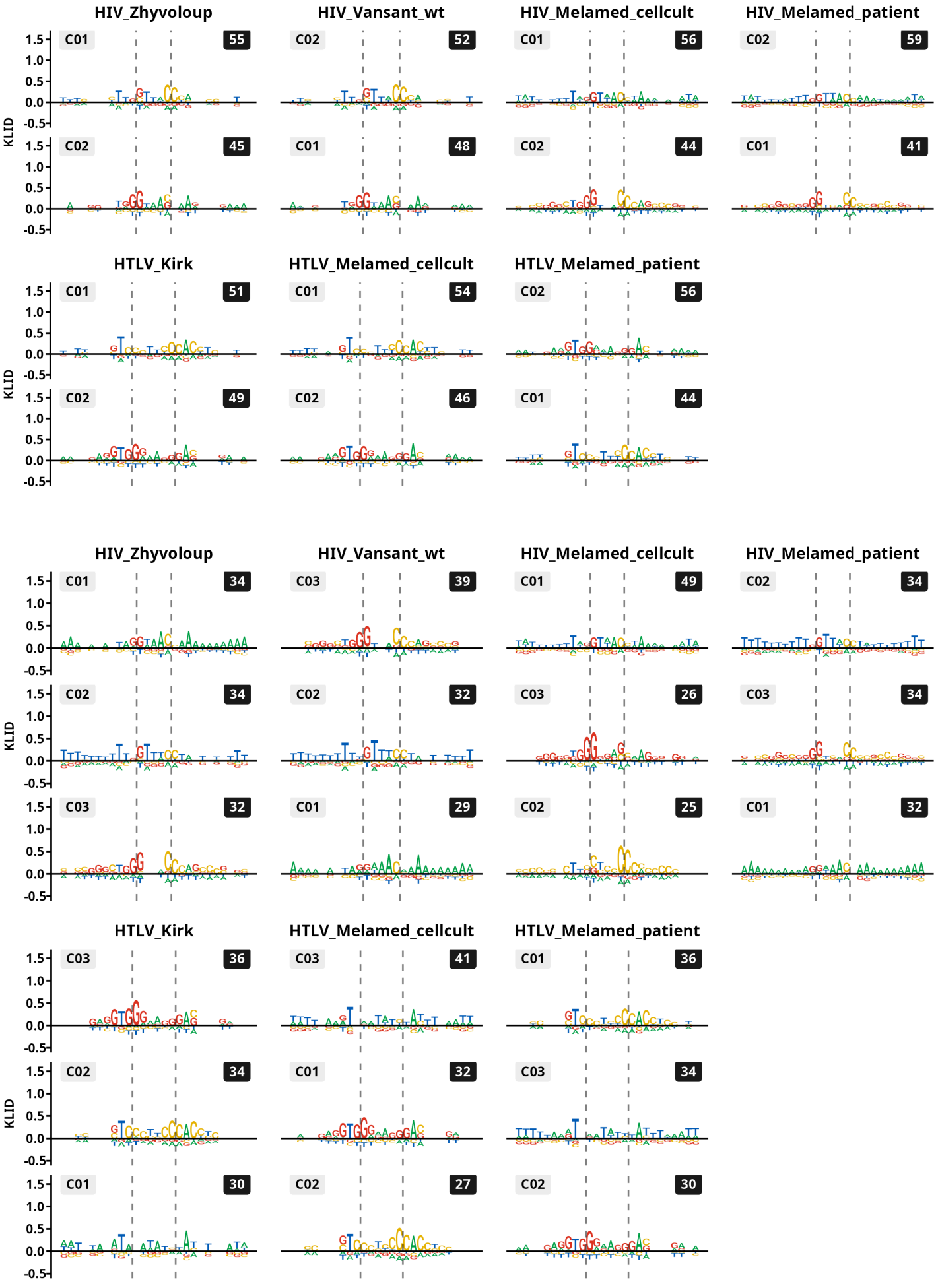
Part 2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HIV_Vansant_wt
HIV_Melamed_cellcult
HIV_Melamed_patient
HTLV_Kirk
HTLV_Melamed_cellcult
HTLV_Melamed_patient
KLID
C01 55
C02 45
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C02 59
C01 41
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C02 25
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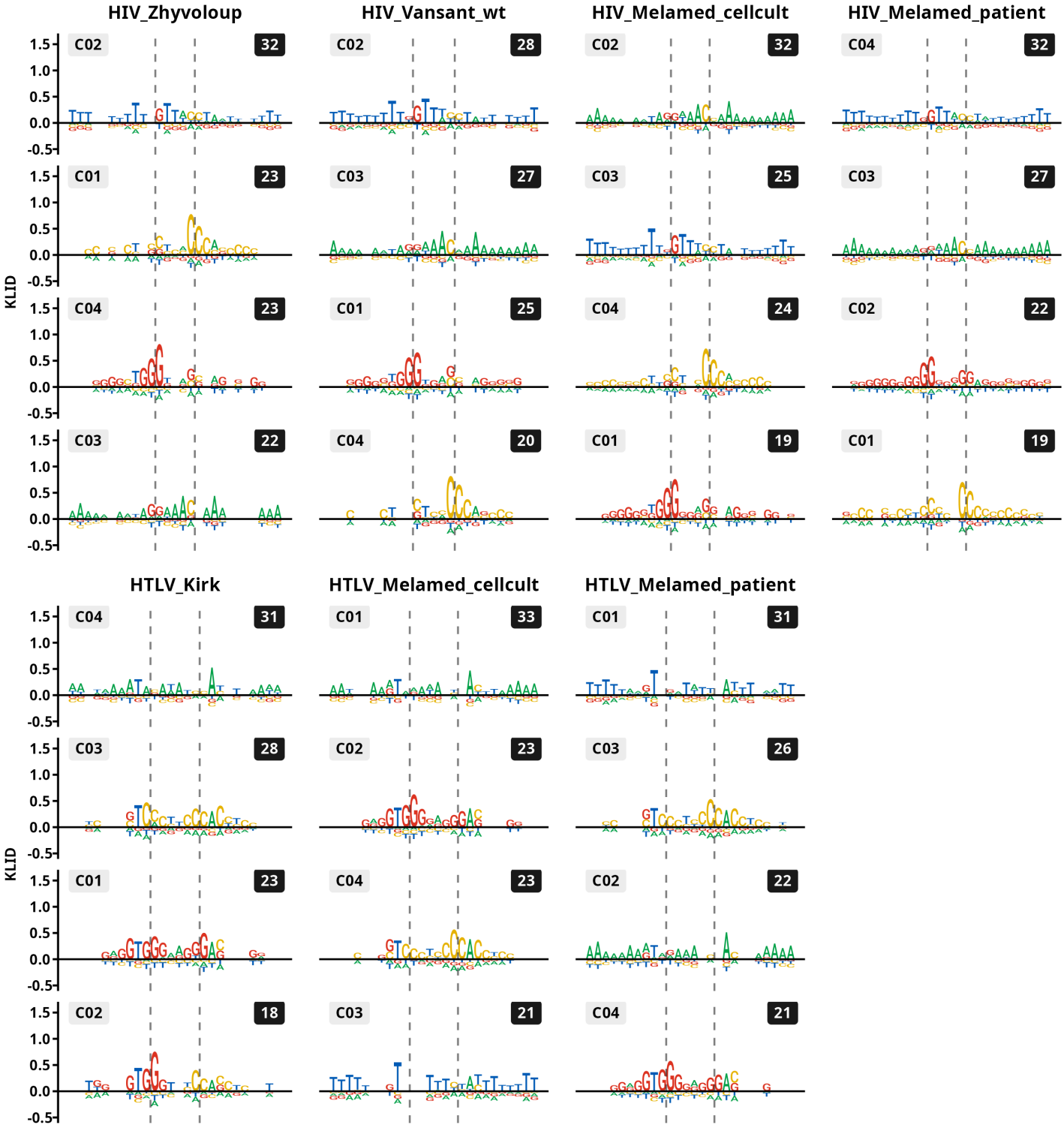
C02 30


HIV_Zhyvoloup
HIV_Vansant_wt
HIV_Melamed_cellcult
HIV_Melamed_patient
HTLV_Kirk
HTLV_Melamed_cellcult
HTLV_Melamed_patient
KLID
KLID
C02 32
C02 28
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C01 31
C03 28
C02 23
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C01 23
C04 23
C02 22
C02 18
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C04 21
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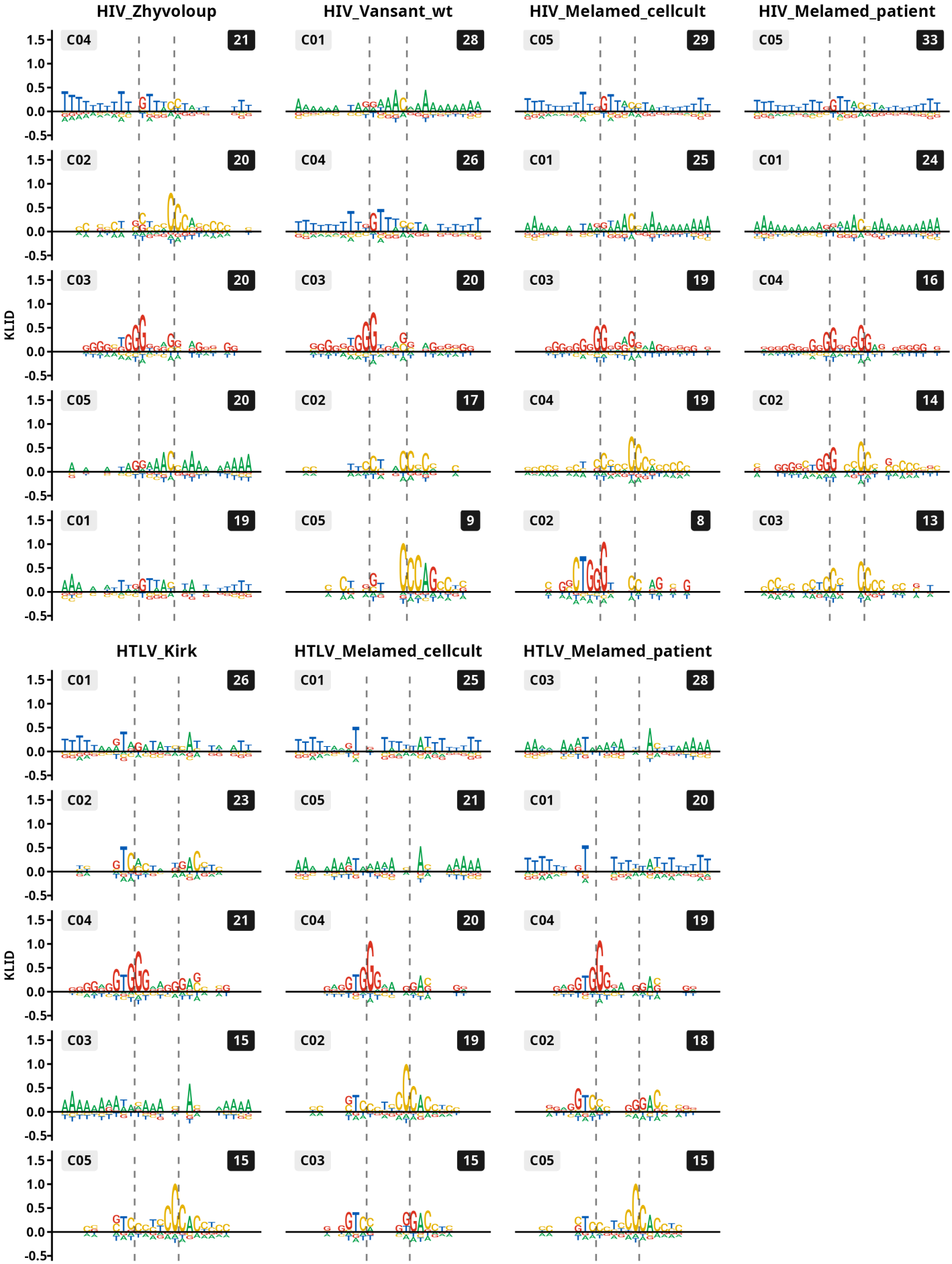
HIV_Zhyvoloup
HIV_Vansant_wt
HIV_Melamed_cellcult
HIV_Melamed_patient
HTLV_Kirk
HTLV_Melamed_cellcult
HTLV_Melamed_patient
KLID
KLID
C04 21
C01 28
C05 29
C05 33
C02 20
C04 26
C01 25
C01 24
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C01 20
C04 21
C04 20
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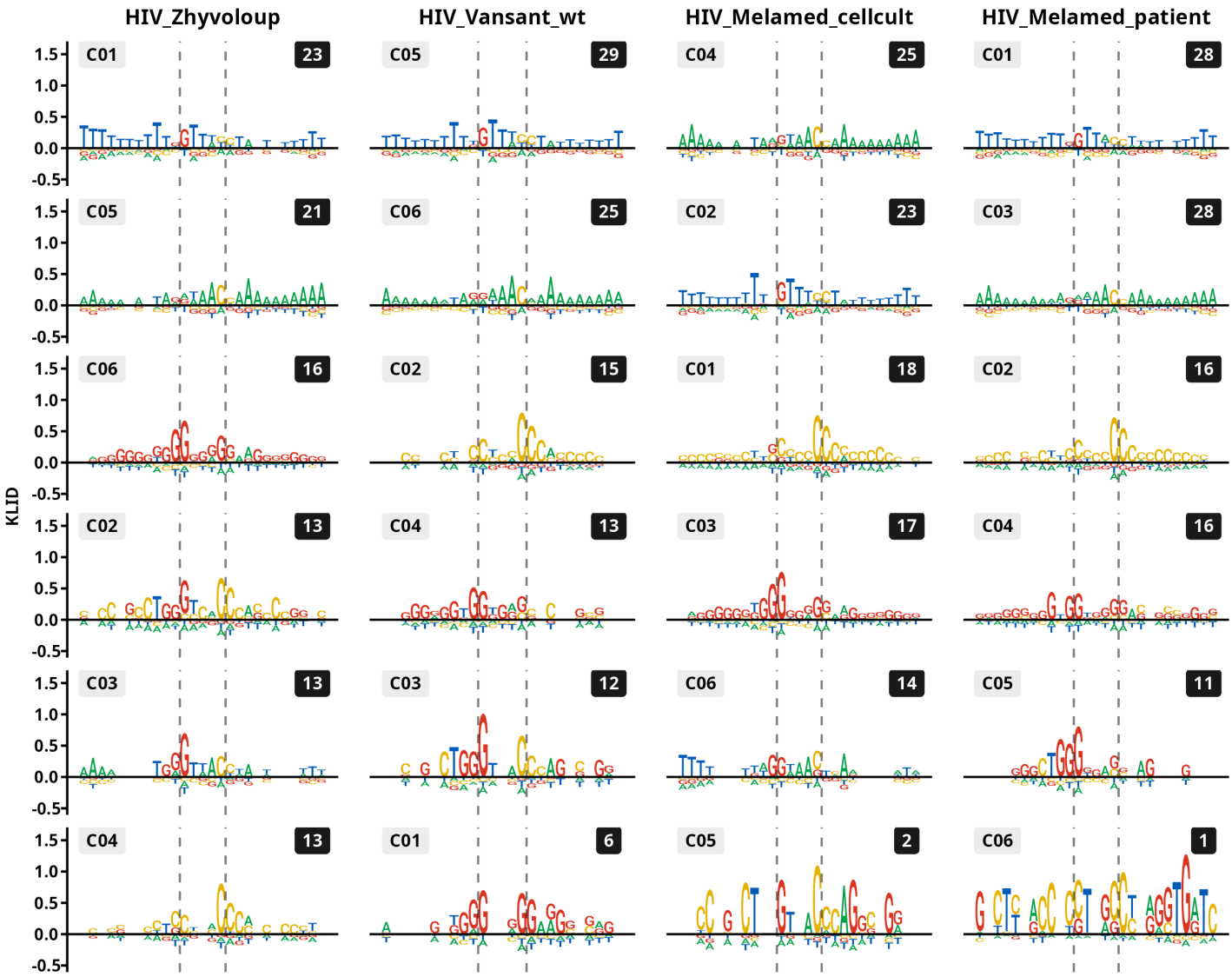
HIV_Zhyvoloup
HIV_Vansant_wt
HIV_Melamed_cellcult
HIV_Melamed_patient
KLID
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C06 25
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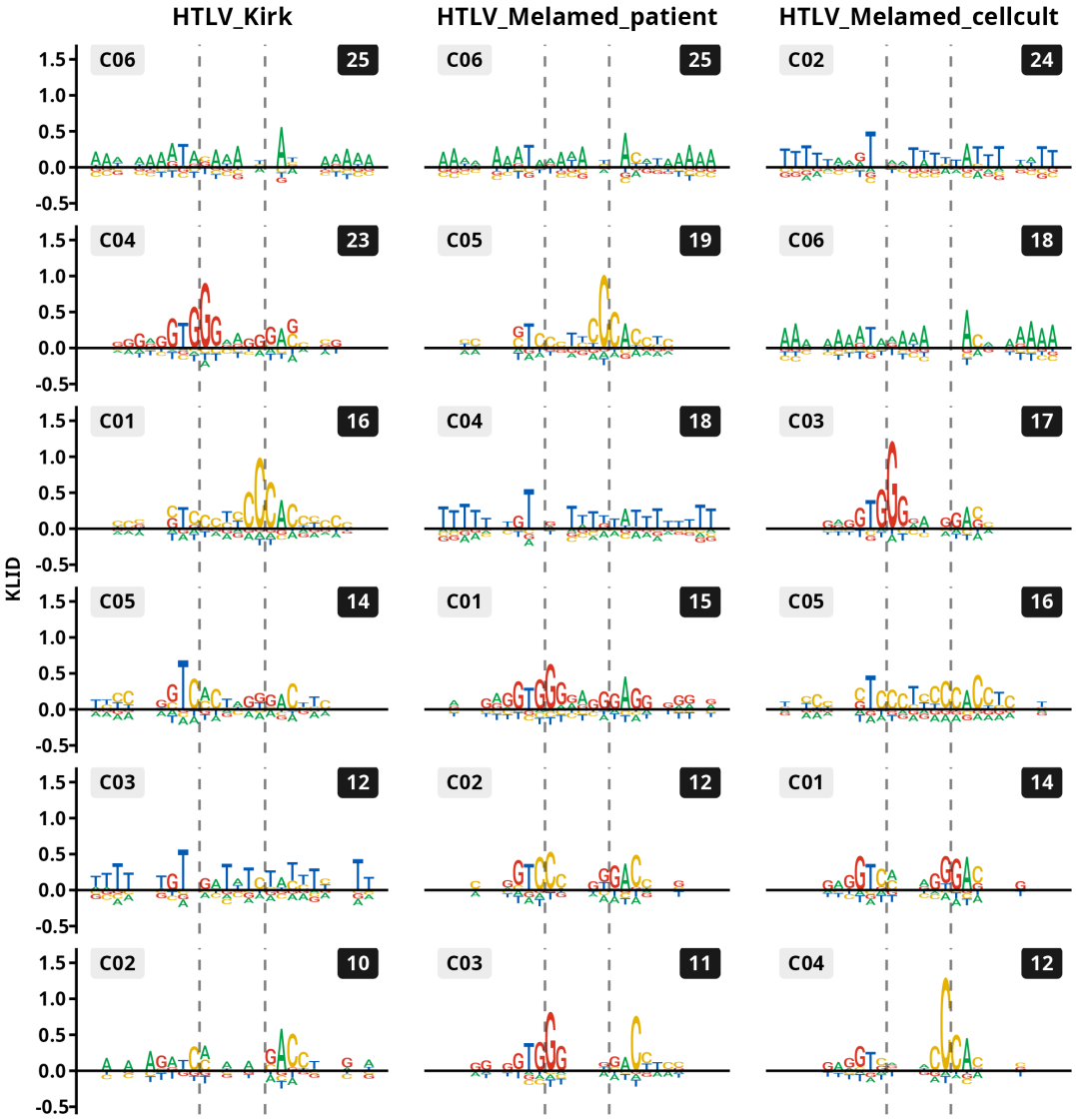
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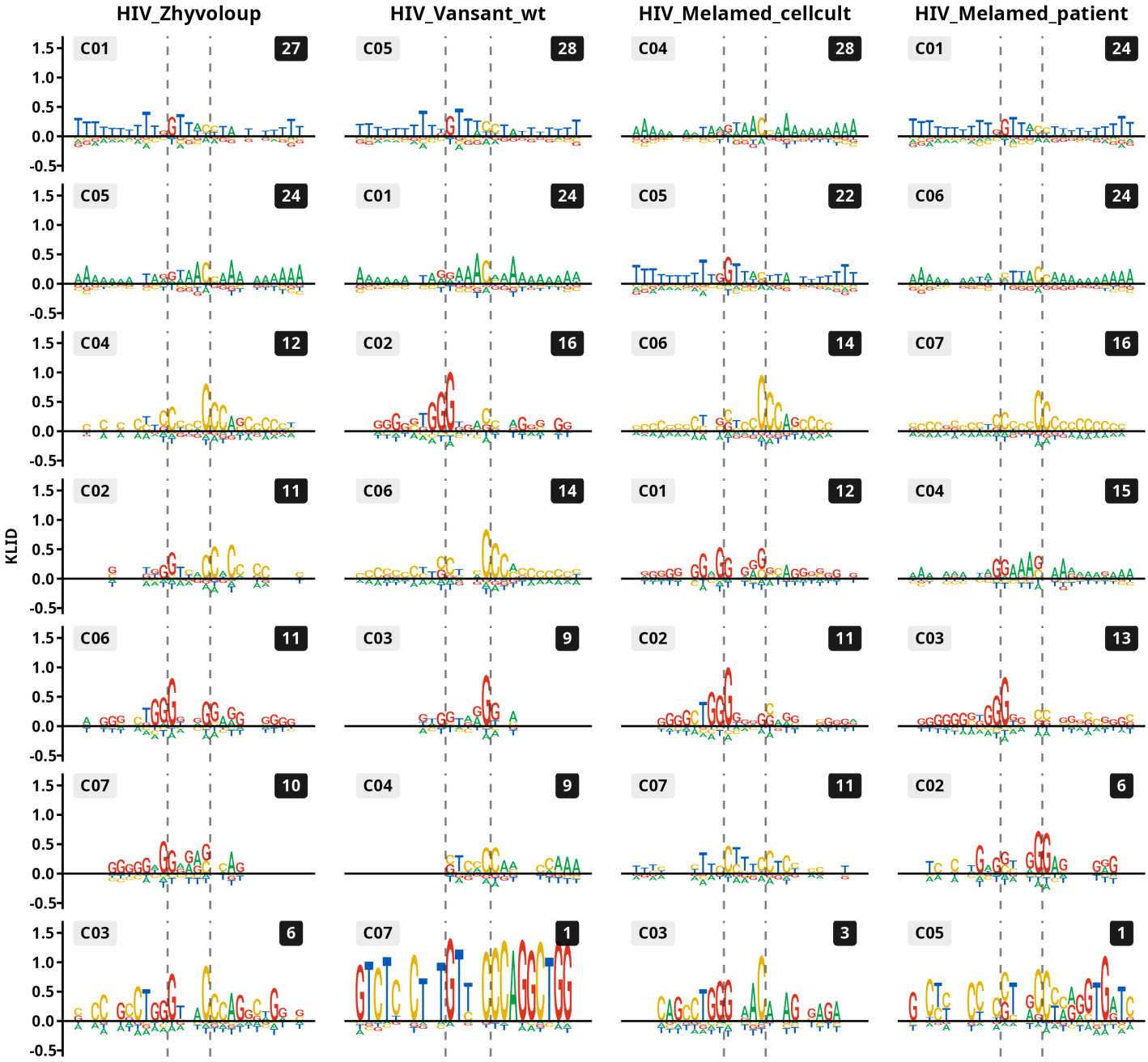
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HIV_Vansant_wt
HIV_Melamed_cellcult
HIV_Melamed_patient
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C01 27
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C06 14
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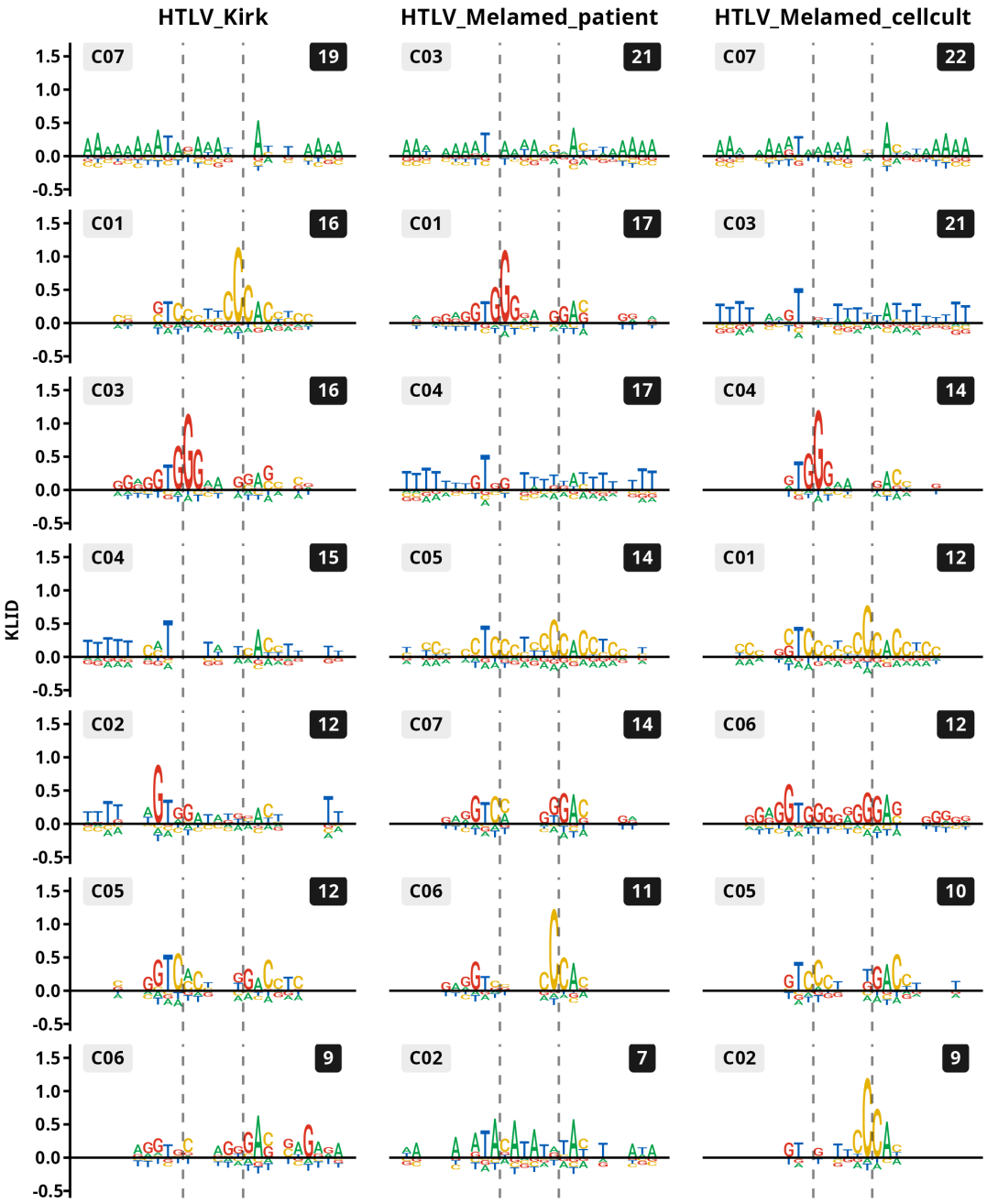
HTLV_Kirk
HTLV_Melamed_patient
HTLV_Melamed_cellcult
KLID
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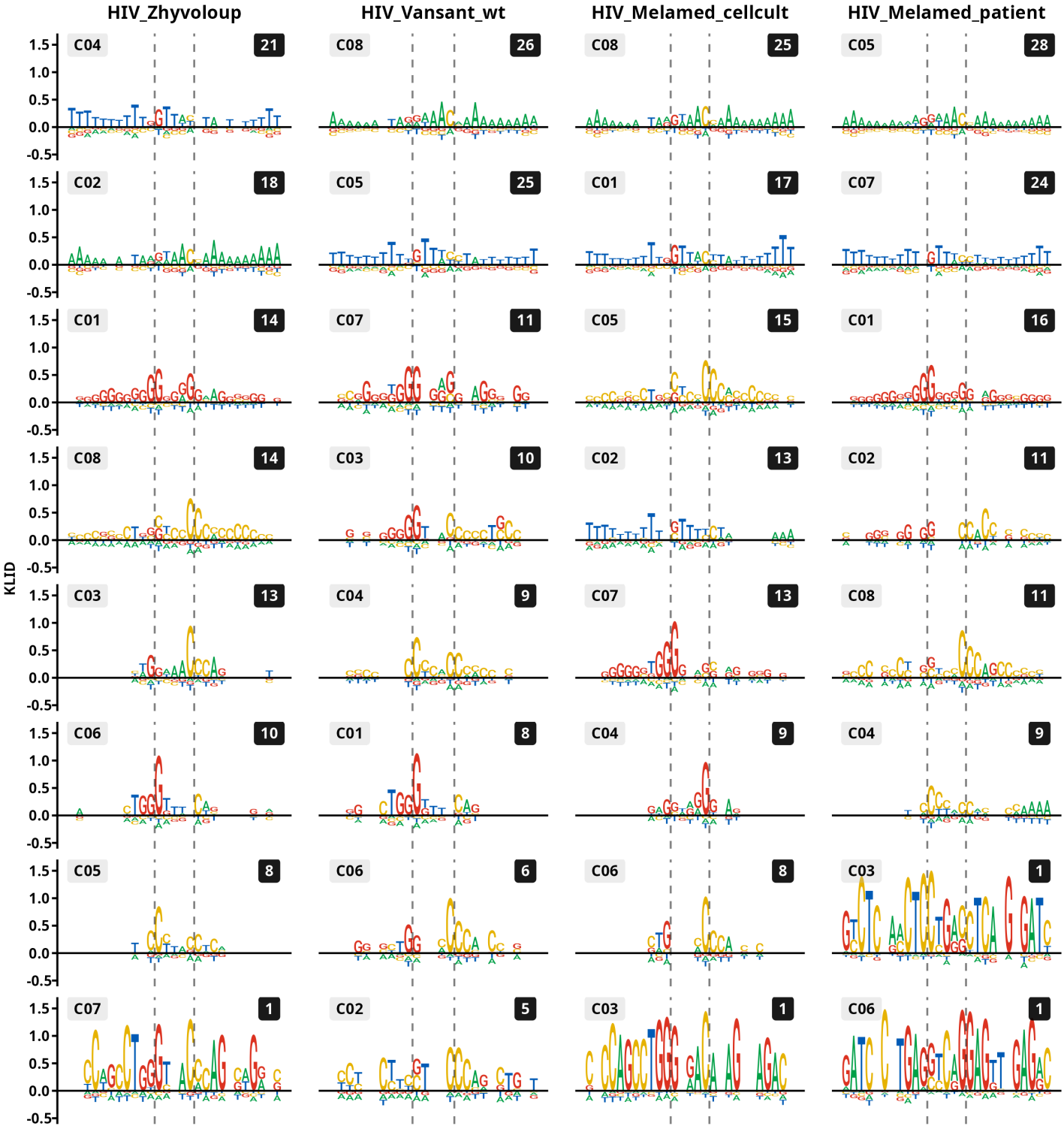
HIV_Zhyvoloup
HIV_Vansant_wt
HIV_Melamed_cellcult
HIV_Melamed_patient
KLID
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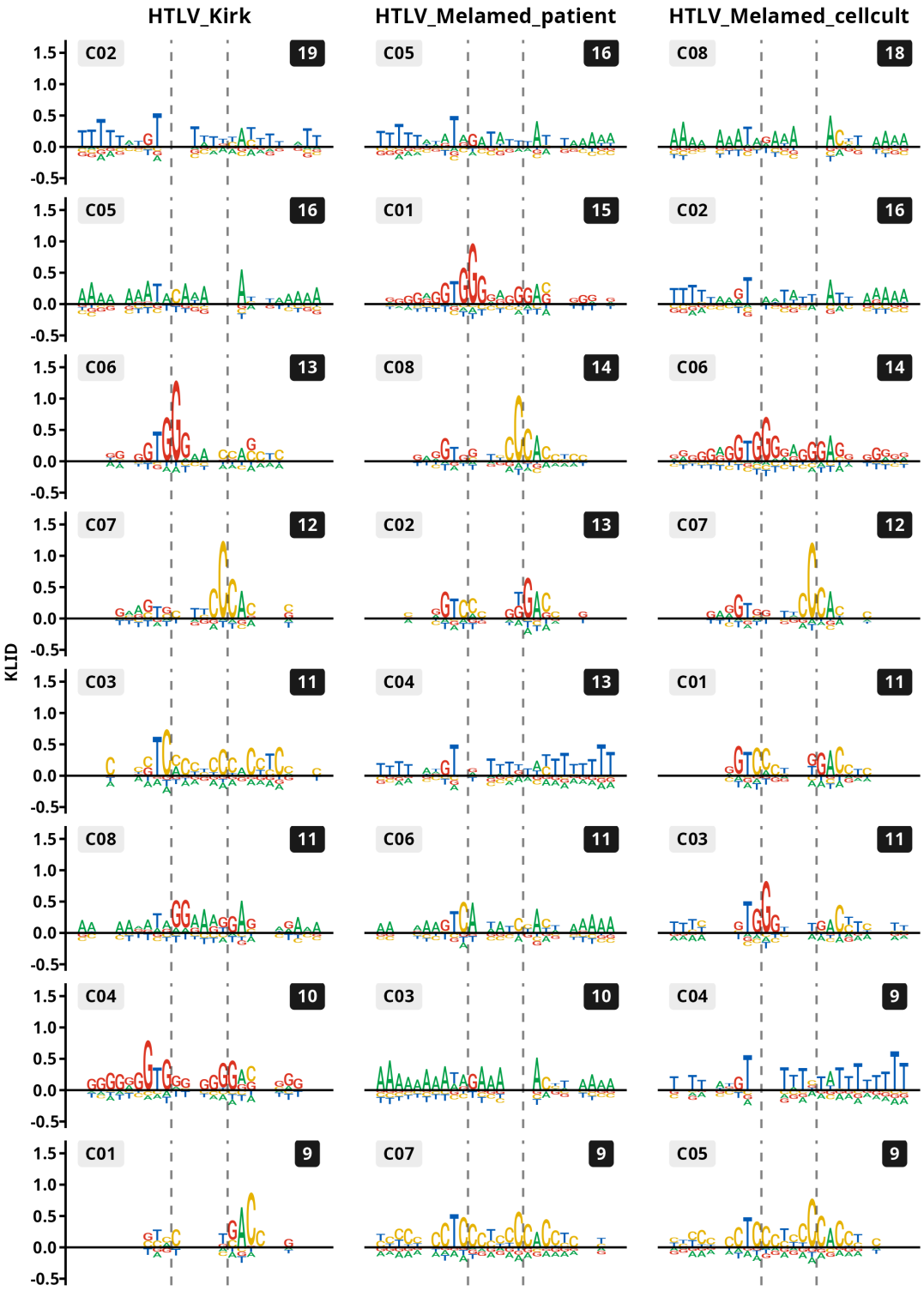
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HTLV_Melamed_patient
HTLV_Melamed_cellcult
KLID
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