

Sheet1

~/Desktop/immune/data/210410/CTLescape_allsequences/tat_raw_sequences.tsv

PBMC	7	0 [%]	LN	7	21213 [34.94%]	RB	7	18383 [30.28%]	PL	7	21119 [34.78%]
PBMC	10	21469 [35.51%]	LN	10	0 [NaN%]	RB	10	17862 [29.54%]	PL	10	21130 [34.95%]
PBMC	14	19871 [25.25%]	LN	14	17987 [22.85%]	RB	14	23395 [29.73%]	PL	14	17449 [22.17%]
PBMC	28	18202 [14.72%]	LN	28	19841 [16.05%]	RB	28	20094 [16.25%]	PL	28	65521 [52.99%]
PBMC	56	15979 [22.02%]	LN	56	0 [NaN%]	RB	56	0 [NaN%]	PL	56	56603 [77.98%]
PBMC	84	94867 [82.86%]	LN	84	0 [NaN%]	RB	84	0 [NaN%]	PL	84	19629 [17.14%]
PBMC	168	92949 [83.4%]	LN	168	0 [NaN%]	RB	168	18502 [16.6%]	PL	168	0 [NaN%]

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PBMC	7	0 [%]	LN	7	20606 [36.55%]	RB	7	14871 [26.38%]	PL	7	20896 [37.07%]
PBMC	10	20939 [38.69%]	LN	10	0 [NaN%]	RB	10	12221 [22.58%]	PL	10	20960 [38.73%]
PBMC	14	19400 [26.71%]	LN	14	16860 [23.22%]	RB	14	19204 [26.44%]	PL	14	17155 [23.62%]
PBMC	28	17499 [15.31%]	LN	28	19096 [16.7%]	RB	28	15230 [13.32%]	PL	28	62504 [54.67%]
PBMC	56	15549 [22.49%]	LN	56	0 [NaN%]	RB	56	0 [NaN%]	PL	56	53602 [77.51%]
PBMC	84	94474 [83.23%]	LN	84	0 [NaN%]	RB	84	0 [NaN%]	PL	84	19029 [16.77%]
PBMC	168	92607 [83.71%]	LN	168	0 [NaN%]	RB	168	18025 [16.29%]	PL	168	0 [NaN%]

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PBMC	7	0 [%]	LN	7	17277 [33.69%]	RB	7	13950 [27.2%]	PL	7	20057 [39.11%]
PBMC	10	19532 [40.08%]	LN	10	0 [NaN%]	RB	10	9128 [18.73%]	PL	10	20073 [41.19%]
PBMC	14	15329 [28.13%]	LN	14	8740 [16.04%]	RB	14	16724 [30.7%]	PL	14	13691 [25.13%]
PBMC	28	5362 [26.41%]	LN	28	3080 [15.17%]	RB	28	6425 [31.64%]	PL	28	5439 [26.79%]
PBMC	56	4054 [36.99%]	LN	56	0 [NaN%]	RB	56	0 [NaN%]	PL	56	6906 [63.01%]
PBMC	84	20988 [99.15%]	LN	84	0 [NaN%]	RB	84	0 [NaN%]	PL	84	179 [0.85%]
PBMC	168	16388 [78.41%]	LN	168	0 [NaN%]	RB	168	4512 [21.59%]	PL	168	0 [NaN%]

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PBMC	7	0 [%]	LN	7	3329 [65.42%]	RB	7	921 [18.1%]	PL	7	839 [16.49%]
PBMC	10	1407 [26.12%]	LN	10	0 [NaN%]	RB	10	3093 [57.42%]	PL	10	887 [16.47%]
PBMC	14	4071 [22.45%]	LN	14	8120 [44.78%]	RB	14	2480 [13.68%]	PL	14	3464 [19.1%]
PBMC	28	12137 [12.91%]	LN	28	16016 [17.03%]	RB	28	8805 [9.36%]	PL	28	57065 [60.69%]
PBMC	56	11495 [19.75%]	LN	56	0 [NaN%]	RB	56	0 [NaN%]	PL	56	46696 [80.25%]
PBMC	84	73486 [79.59%]	LN	84	0 [NaN%]	RB	84	0 [NaN%]	PL	84	18850 [20.41%]
PBMC	168	76219 [84.94%]	LN	168	0 [NaN%]	RB	168	13513 [15.06%]	PL	168	0 [NaN%]

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PBMC	7	0 [%]	LN	7	20022 [34.42%]	RB	7	17987 [30.92%]	PL	7	20163 [34.66%]
PBMC	10	19991 [35.25%]	LN	10	0 [NaN%]	RB	10	16653 [29.36%]	PL	10	20070 [35.39%]
PBMC	14	18937 [25.48%]	LN	14	16518 [22.22%]	RB	14	22541 [30.33%]	PL	14	16331 [21.97%]
PBMC	28	16856 [14.51%]	LN	28	18712 [16.11%]	RB	28	19645 [16.92%]	PL	28	60922 [52.46%]
PBMC	56	15200 [22.52%]	LN	56	0 [NaN%]	RB	56	0 [NaN%]	PL	56	52281 [77.48%]
PBMC	84	94092 [83.58%]	LN	84	0 [NaN%]	RB	84	0 [NaN%]	PL	84	18490 [16.42%]
PBMC	168	92412 [84.12%]	LN	168	0 [NaN%]	RB	168	17441 [15.88%]	PL	168	0 [NaN%]

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PBMC	7	0 [%]	LN	7	19722 [36.26%]	RB	7	14641 [26.92%]	PL	7	20025 [36.82%]
PBMC	10	19627 [38.39%]	LN	10	0 [NaN%]	RB	10	11529 [22.55%]	PL	10	19965 [39.05%]
PBMC	14	18595 [26.79%]	LN	14	15897 [22.9%]	RB	14	18724 [26.98%]	PL	14	16191 [23.33%]
PBMC	28	16516 [15.09%]	LN	28	18367 [16.78%]	RB	28	15114 [13.81%]	PL	28	59471 [54.33%]
PBMC	56	15035 [22.79%]	LN	56	0 [NaN%]	RB	56	0 [NaN%]	PL	56	50942 [77.21%]
PBMC	84	93861 [83.76%]	LN	84	0 [NaN%]	RB	84	0 [NaN%]	PL	84	18203 [16.24%]

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PBMC 168 92204 [84.23%] LN 168 0 [NaN%] RB 168 17268 [15.77%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences.tsv
PBMC 7 0 [%] LN 7 16579 [33.43%] RB 7 13772 [27.77%] PL 7 19248 [38.81%]
PBMC 10 18316 [39.64%] LN 10 0 [NaN%] RB 10 8743 [18.92%] PL 10 19149 [41.44%]
PBMC 14 14730 [28.16%] LN 14 8224 [15.72%] RB 14 16339 [31.24%] PL 14 13010 [24.87%]
PBMC 28 5148 [26.02%] LN 28 3000 [15.17%] RB 28 6379 [32.25%] PL 28 5255 [26.56%]
PBMC 56 3944 [37.09%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 6690 [62.91%]
PBMC 84 20881 [99.17%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 175 [0.83%]
PBMC 168 16354 [78.79%] LN 168 0 [NaN%] RB 168 4403 [21.21%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences.tsv
PBMC 7 0 [%] LN 7 3143 [65.63%] RB 7 869 [18.15%] PL 7 777 [16.22%]
PBMC 10 1311 [26.68%] LN 10 0 [NaN%] RB 10 2786 [56.71%] PL 10 816 [16.61%]
PBMC 14 3865 [22.6%] LN 14 7673 [44.86%] RB 14 2385 [13.94%] PL 14 3181 [18.6%]
PBMC 28 11368 [12.68%] LN 28 15367 [17.13%] RB 28 8735 [9.74%] PL 28 54216 [60.45%]
PBMC 56 11091 [20.04%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 44252 [79.96%]
PBMC 84 72980 [80.19%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 18028 [19.81%]
PBMC 168 75850 [85.5%] LN 168 0 [NaN%] RB 168 12865 [14.5%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences_trim.tsv
PBMC 7 0 [%] LN 7 19256 [36.69%] RB 7 13898 [26.48%] PL 7 19326 [36.83%]
PBMC 10 18791 [38.25%] LN 10 0 [NaN%] RB 10 11180 [22.76%] PL 10 19155 [38.99%]
PBMC 14 17950 [26.85%] LN 14 15471 [23.15%] RB 14 17809 [26.64%] PL 14 15613 [23.36%]
PBMC 28 15998 [15.01%] LN 28 17912 [16.81%] RB 28 14664 [13.76%] PL 28 58011 [54.43%]
PBMC 56 14641 [22.76%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 49684 [77.24%]
PBMC 84 91614 [83.78%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 17735 [16.22%]
PBMC 168 89935 [84.23%] LN 168 0 [NaN%] RB 168 16844 [15.77%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences_trim.tsv
PBMC 7 0 [%] LN 7 19248 [36.69%] RB 7 13894 [26.48%] PL 7 19325 [36.83%]
PBMC 10 18782 [38.25%] LN 10 0 [NaN%] RB 10 11179 [22.76%] PL 10 19148 [38.99%]
PBMC 14 17944 [26.85%] LN 14 15467 [23.15%] RB 14 17803 [26.64%] PL 14 15607 [23.36%]
PBMC 28 15993 [15.01%] LN 28 17911 [16.81%] RB 28 14660 [13.76%] PL 28 58001 [54.43%]
PBMC 56 14636 [22.76%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 49677 [77.24%]
PBMC 84 91614 [83.78%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 17731 [16.22%]
PBMC 168 89935 [84.23%] LN 168 0 [NaN%] RB 168 16844 [15.77%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences_trim.tsv
PBMC 7 0 [%] LN 7 16184 [33.83%] RB 7 13086 [27.35%] PL 7 18576 [38.82%]
PBMC 10 17510 [39.5%] LN 10 0 [NaN%] RB 10 8467 [19.1%] PL 10 18357 [41.41%]
PBMC 14 14186 [28.2%] LN 14 7985 [15.88%] RB 14 15573 [30.96%] PL 14 12555 [24.96%]
PBMC 28 4993 [25.92%] LN 28 2944 [15.28%] RB 28 6194 [32.15%] PL 28 5135 [26.65%]
PBMC 56 3845 [37%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 6546 [63%]
PBMC 84 20440 [99.17%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 171 [0.83%]
PBMC 168 15985 [78.81%] LN 168 0 [NaN%] RB 168 4299 [21.19%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences_trim.tsv
PBMC 7 0 [%] LN 7 3064 [66.31%] RB 7 808 [17.49%] PL 7 749 [16.21%]
PBMC 10 1272 [26.64%] LN 10 0 [NaN%] RB 10 2712 [56.8%] PL 10 791 [16.57%]
PBMC 14 3758 [22.75%] LN 14 7482 [45.29%] RB 14 2230 [13.5%] PL 14 3052 [18.47%]
PBMC 28 11000 [12.6%] LN 28 14967 [17.14%] RB 28 8466 [9.7%] PL 28 52866 [60.56%]
PBMC 56 10791 [20.01%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 43131 [79.99%]

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PBMC 84 71174 [80.21%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 17560 [19.79%]
PBMC 168 73950 [85.5%] LN 168 0 [NaN%] RB 168 12545 [14.5%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences_trim_Complete.tsv
PBMC 7 0 [%] LN 7 18167 [36.83%] RB 7 12675 [25.7%] PL 7 18483 [37.47%]
PBMC 10 17730 [38.55%] LN 10 0 [NaN%] RB 10 9988 [21.72%] PL 10 18273 [39.73%]
PBMC 14 16540 [26.47%] LN 14 14454 [23.13%] RB 14 16556 [26.49%] PL 14 14939 [23.91%]
PBMC 28 14078 [14.42%] LN 28 16684 [17.09%] RB 28 13131 [13.45%] PL 28 53757 [55.05%]
PBMC 56 13651 [22.52%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 46968 [77.48%]
PBMC 84 88666 [84.07%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 16803 [15.93%]
PBMC 168 87074 [84.42%] LN 168 0 [NaN%] RB 168 16073 [15.58%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences_trim_Complete.tsv
PBMC 7 0 [%] LN 7 18167 [36.83%] RB 7 12675 [25.7%] PL 7 18483 [37.47%]
PBMC 10 17730 [38.55%] LN 10 0 [NaN%] RB 10 9988 [21.72%] PL 10 18273 [39.73%]
PBMC 14 16540 [26.47%] LN 14 14454 [23.13%] RB 14 16556 [26.49%] PL 14 14939 [23.91%]
PBMC 28 14078 [14.42%] LN 28 16684 [17.09%] RB 28 13131 [13.45%] PL 28 53757 [55.05%]
PBMC 56 13651 [22.52%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 46968 [77.48%]
PBMC 84 88666 [84.07%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 16803 [15.93%]
PBMC 168 87074 [84.42%] LN 168 0 [NaN%] RB 168 16073 [15.58%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences_trim_Complete.tsv
PBMC 7 0 [%] LN 7 15935 [34.36%] RB 7 12333 [26.6%] PL 7 18104 [39.04%]
PBMC 10 17210 [39.6%] LN 10 0 [NaN%] RB 10 8269 [19.03%] PL 10 17984 [41.38%]
PBMC 14 13894 [28.3%] LN 14 7973 [16.24%] RB 14 14847 [30.24%] PL 14 12377 [25.21%]
PBMC 28 4874 [25.53%] LN 28 3042 [15.93%] RB 28 5976 [31.3%] PL 28 5200 [27.24%]
PBMC 56 3787 [36.04%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 6722 [63.96%]
PBMC 84 20297 [99.04%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 197 [0.96%]
PBMC 168 15835 [78.91%] LN 168 0 [NaN%] RB 168 4232 [21.09%] PL 168 0 [NaN%]
~/Desktop/immune/data/210410/CTLescape_allsequences/tat_aligned_sequences_trim_Complete.tsv
PBMC 7 0 [%] LN 7 2232 [75.58%] RB 7 342 [11.58%] PL 7 379 [12.83%]
PBMC 10 520 [20.57%] LN 10 0 [NaN%] RB 10 1719 [68%] PL 10 289 [11.43%]
PBMC 14 2646 [19.75%] LN 14 6481 [48.37%] RB 14 1709 [12.76%] PL 14 2562 [19.12%]
PBMC 28 9204 [11.72%] LN 28 13642 [17.37%] RB 28 7155 [9.11%] PL 28 48557 [61.81%]
PBMC 56 9864 [19.68%] LN 56 0 [NaN%] RB 56 0 [NaN%] PL 56 40246 [80.32%]
PBMC 84 68369 [80.46%] LN 84 0 [NaN%] RB 84 0 [NaN%] PL 84 16606 [19.54%]
PBMC 168 71239 [85.75%] LN 168 0 [NaN%] RB 168 11841 [14.25%] PL 168 0 [NaN%]

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