B1 B IGKC-15 B1 B IGKC+ 82 CD14+ Mono $\mathbf{0}$ 76 0 CD16+ Mono CD4+ T activated CD4+ T activated integrinB7+ CD4+ T CD314+ CD45RA+ 55 CD4+ T naive 36 34 19 CD8+ T 29 CD8+ T CD49f+ CD8+ T CD57+ CD45RA+ CD8+ T CD57+ CD45RO+ CD8+ T CD69+ CD45RA+ CD8+ T CD69+ CD45RO+ CD8+ T naive CD8+ T naive CD127+ CD26- CD101-CD8+ T TIGIT+ CD45RA+ CD8+ T TIGIT+ CD45RO+ cDC1 68 cDC2 dnT Erythroblast G/M prog gdT CD158b+ gdT TCRVD2+ 52 HSC ID2-hi myeloid prog ILC ILC1 67 Lymph prog MAIT MK/E prog 35 Naive CD20+ B 13 Naive CD20+ B IGKC-23 Naive CD20+ B IGKC+ 65 NK 14 NK CD158e1+ Normoblast 27 16 Plasma cell Plasma cell IGKC-13 7 Plasma cell IGKC+ Plasmablast IGKC-15 Plasmablast IGKC+ Proerythroblast 66 Reticulocyte T prog cycling T reg Transitional B 28 NA 23 8

S3_D6_Nuclei

S3_D7_cell

S3_D7_Nuclei

S4 D1 cell

S4_D1_Nuclei

S4_D8_cell

S4_D8_Nuclei

S4_D9_cell

S4_D9_Nuclei

37 35 54 70 47 59 40 53 28 49 51 44 51 53 31 32 36 98 22 59 49 99 53 51 87 50 100 44 42 97 99 2

63 65 46 <mark>30</mark> 53 <mark>41</mark> 60 47 72 51 49 56

78 **41** 51 1 47 49 13 50

98 84

60 49 63 53 42 77 scRNA

16 100 40 51 37 47 58 23 snRNA

56 58 3

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2 1	4 38	12	12	13	39	40	21	13	28	21	39	13	16	34	13	46	10	34	7	12	24	12	14	20	34	17	18	6	46	0	0	28	18	27	22	25	47	S1 .
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14 11

24 47

93 100

S4