a

Non-progressor
- IGRA⁻ PET⁻
- IGRA⁺ PET⁻
- IGRA⁺ LN PET⁺
- IGRA⁺ Lung PET⁺

Progressor
- Neut^low
- Neut^hi

C7: γδT cell, NK, ILC

TCF7, LEF1, SELL
KLRC1, RUNX2,
GPR183, TRGC1,
TOX, PLXNC1

PTPN6, MYO1E,
MYO1G, SPN

ISG20, DDIT4

ITM2C

CD48,
CD96, CD2,
KLRK1, XCL1

SQSTM1,
MAP3KB

GZMA

z-score
-2   0   2

IGRA⁻ PET⁻ | PET⁻ | IGRA⁺ LN PET⁺ | Lung PET⁺ | Neut^low | Neut^hi
Non-prog | | IGRA⁺ | | Prog

scRNA-seq: Human innate-like lymphocyte IGRA⁺ non-progressor signature

b Human γδ T cell/NK cell

**
0.076

Enrichment score
1.0
0.8
0.6
0.4
0.2

LN PET⁺ | Lung PET⁺ | Neut^low | Neut^hi
Non-prog | Prog

c Human γδ T cell/NK cell

Non-prog: IGRA⁻ PET⁻, PET⁻
IGRA⁺: LN PET⁺, Lung PET⁺
Prog: Neut^low, Neut^hi

RUNX2 GPR183 SELL TCF7 LEF1 KLRC1

% cluster expressing
○ 1
○ 30
○ 50

Average expression
0   1

d Tested in **NHP granuloma T_EMPEX like cells** Bromley *et al*,. 2024

*

Enrichment score
1.2
0.8
0.4
0.0

Primary | Reinfection (protected)

e

SELL
TCF7

Primary | Reinfection (protected)

% cluster expressing
○ 5 ○ 40

Average expression
0.5   1

scRNA-seq: Human innate-like lymphocyte non-progressor signature

f Human γδ T cell/NK cell

***
**

Enrichment score
2.0
1.5
1.0
0.5

LN PET⁺ | Lung PET⁺ | Neut^low | Neut^hi
Non-prog | Prog

g Human γδ T cell/NK cell

Non-prog: IGRA⁻ PET⁻, PET⁻
IGRA⁺: LN PET⁺, Lung PET⁺
Prog: Neut^low, Neut^hi

SLFN5 ETS1 ESYT2 CD48 KLRK1 VIM

% cluster expressing
○ 40
○ 65
○ 90

Average expression
0   1

h Tested in **NHP granuloma T/NK/ILC** Bromley *et al*,. 2024

ILC-like | NK-like | CD8 T_EMPEX

0.056 | *** | **

Enrichment score
8
6
4
2
0

Primary | Reinfection (protected)

Extended Data Fig. 10