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- risk¹, but the mechanism is unknown.
- variants.
- presenting cells (APCs) and T cells^{2,3}.
- rs12093834) inflammatory regulation and on susceptibility.

- immune system.
- PBMCs and purified monocytes.
- PBMC subsets (n=4).
- variation on PBMC responses to TLR8 stimulation.
- cells to test its impact on HIV infectivity.



Untangling the impact of CD101 on HIV-1 transmission

Incubation	6-hour CD101 (copies/μL)			24-hour CD101 (copies/µL)		
period						
Characteristic	Difference	95% CI	p-value	Difference	95% Cl ¹	p-value
Reference	-22	-34, -9.8	<0.001	-13	-18, -6.9	<0.001
lg-like CD101	-30	-43, -17	<0.001	-32	-44,-20	<0.001
Comparing Reference and Ig-like CD101	-8.0	-26, 9.8	0.4	-19	-33, -5.6	0.006





- *CD101* is downregulated in PBMCs in response to TLR8 (Fig. 2,
- In PBMC, T_{regs} and APCs show greater *CD101* downregulation
- the proinflammatory response (Fig. 5, Fig. 6 and Fig. 7).
- infection risk indirectly, via effects on inflammation, rather than directly on HIV replication. Candidate *CD101* variants may