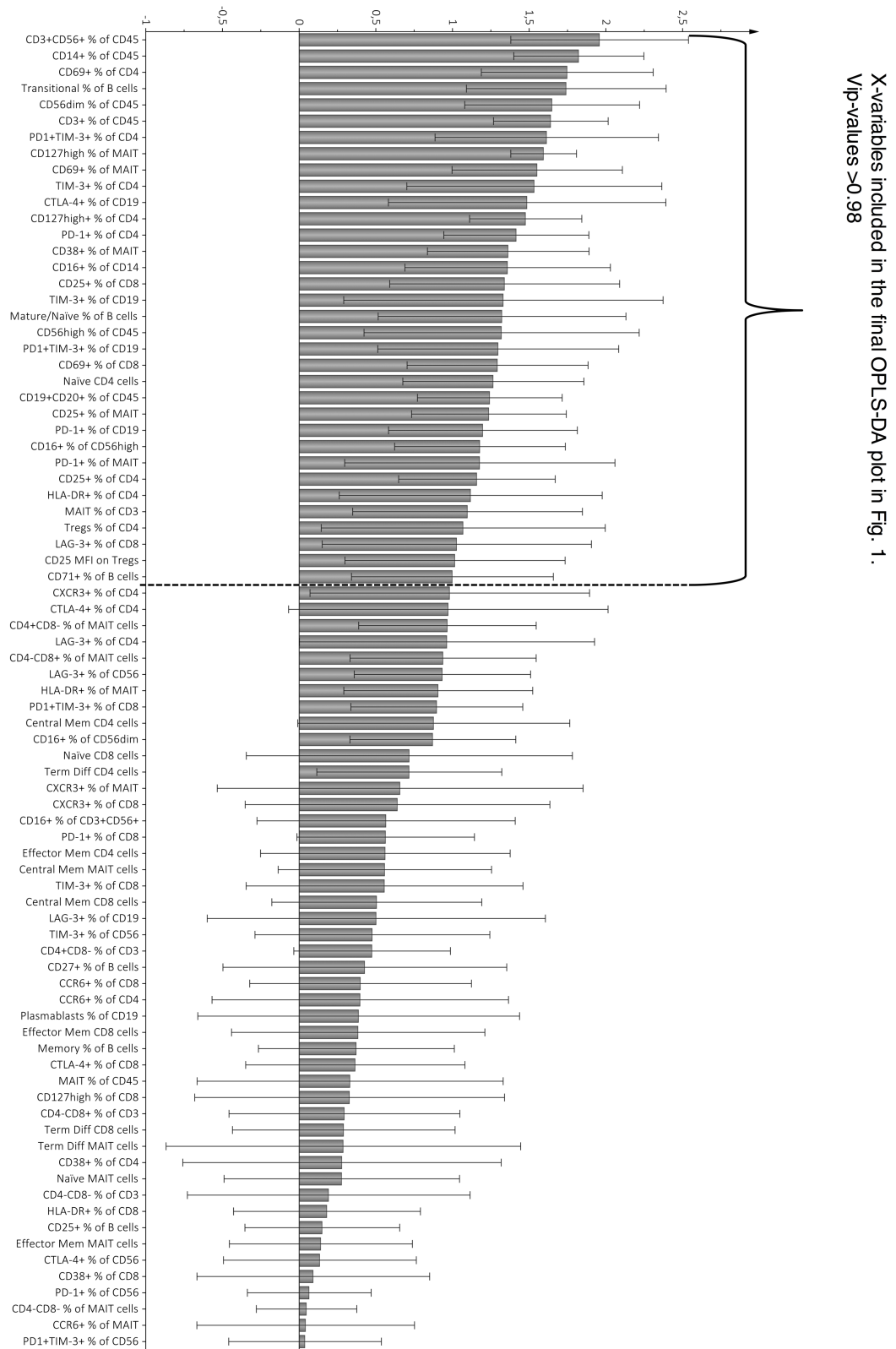


Maternal adaptive immune cells in decidua parietalis display a more activated and co-inhibitory phenotype compared to decidua basalis

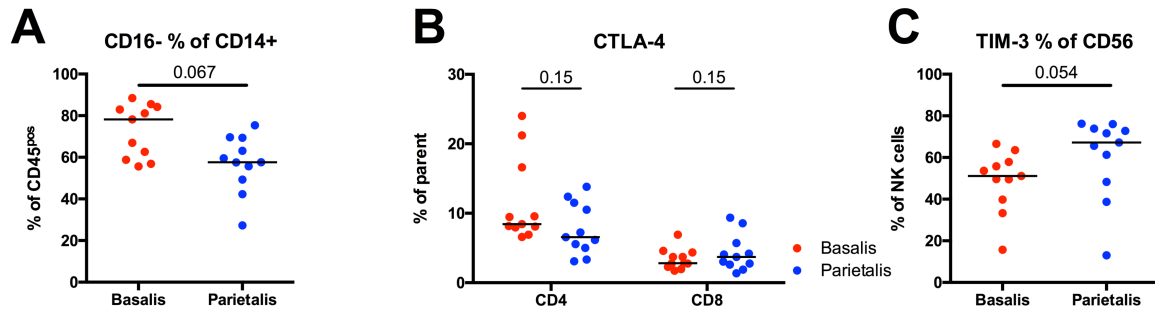
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Supplementary figure S1



Supplementary figure S1. OPLS plot based on 81 parameters, showing associations between decidual compartment and phenotypic leukocyte markers ($n = 8-13$).

Supplementary figure S2



Supplementary figure S2. (A) Comparison between decidua basalis and parietalis regarding CD16 expression on CD14⁺ monocytes ($n = 11$). (B) Comparison between decidua basalis and parietalis regarding CTLA-4 expression on CD4⁺ and CD8⁺ T cells ($n = 11$). (C) Comparison between decidua basalis and parietalis regarding TIM-3 expression on CD56⁺ cells ($n = 11$). Line in graphs depicts the median among values. Comparisons between the paired samples were made using the the non-parametric Wilcoxon test.

Supplementary table S1. Antibodies and viability dye used for flow cytometry.

Surface markers	Fluorochrome	Clone	Source
CD3	V450	UCHT1	BD
CD3	FITC	UCHT1	BD
CD3	PE-Cy7	UCHT1	BD
CD4	V500	RPA-T4	BD
CD4	A700	RPA-T4	BD
CD8	APC-Cy7	SK1	BD
CD8	A700	RPA-T8	BD
CD8	APC	SK1	BD
CD8	PE-Cy7	RPA-T8	BD
CD14	FITC	M ϕ P9	BD
CD16	PE	3G8	BD
CD19	PE-Cy7	SJ25C1	BD
CD19	PE-CF594	HIB19	BD
CD20	A700	2H7	BD
CD24	FITC	NL5	BD
CD25	Bv421	M-A251	BD
CD25	PE	M-A251	BD
CD27	V500	M-T271	BD
CD38	Bv421	HIT2	BD
CD45	APC-H7	2D1	BD
CD45RA	PE-Cy7	HI100	BD
CD56	APC	NCAM16.2	BD
CD56	Bv510	NCAM16.2	BD
CD69	FITC	L78	BD
CD71	APC-H7	M-A712	
CD127	APC-A700	R34.34	Beckman Coulter
CD152 (CTLA-4)	FITC	A3.4H2.H12	LS-Bio
CD161	PE	HP-3G10	BioLegend
CD183 (CXCR3)	APC	1C6/CXCR3	BD
CD196 (CCR6)	FITC	G034E3	BioLegend
CD197 (CCR7)	PE-CF594	150503	BD
CD223 (LAG-3)	PE	REA351	Miltenyi
CD279 (PD-1)	BV421	EH12.1	BD
CD366 (TIM-3)	APC	F38-2E2	Miltenyi
HLA-DR	FITC	G46-6	BD
TCR V α 7.2	APC-Cy7	3C10	BioLegend
-	7AAD	-	BD

Intracellular markers

Granzyme B	FITC	GB11	BD
IFN-γ	PE-Cy7	4S.B3	BD
Perforin	A647	δ G9	BD

Abbreviations; CD, Cluster of differentiation, BD, BD Biosciences (Franklin Lakes, NJ), FITC, Fluorescein isothiocyanate, PE-Cy7, Phycoerythrin-cyanine 7, A700, Alexa Fluor 700, APC, Allophycocyanine, PE, Phycoerythrin, Bv421, Brilliant violet 421, APC-H7, Allophycocyanine H7, APC-A700, Allophycocyanine Alexa Fluor 700, Beckman Coulter, Beckman Coulter (Fullerton, CA), BioLegend, Biolegend (San Diego, CA), PE-CF594, Phycoerythrin-CF 594, APC-Cy7, Allophycocyanine-indotricarbocyanine, Miltenyi, Miltenyi Biotec (Bergisch Gladbach, Germany), A488, Alexa Fluor 488, A647, Alexa Fluor 647, Bv510, Brilliant violet 510, LS-Bio, LifeSpan Biosciences Inc. (Seattle, WA).