

**Supplementary Table 7: Dynamic changes in ELISPOT patterns.**

				Time Point 2								T2 ND or Not fully interpretable	
				NDSR				DSR					
		Interpretation based on B cell phenotype	No regulation	'Breg'		'Treg', 'Breg'		'Treg'	Bdep				
			No regulation	'Breg': only when CD25+ cells present	'Breg': when CD25+ cells present / absent	'Breg': only when CD25+ cells absent	'Breg' when CD25 present / 'Bdep' when CD25 absent	'Bdep': only when CD25+ cells absent	'Bdep': when CD25 present, 'Breg' when CD25+ cells absent	'Bdep' when CD25+ cells present / absent	'Bdep': only when CD25+ cells present		
Time point 1	NDSR	No regulation	No regulation	1364 399 739 2019	407 (P)***	1451 (P)	1450 (P)					1442 (P)†	736
		'Breg'	'Breg': only when CD25+ cells present	2005 (P)						2001 (P)	835†		
			'Breg': when CD25+ cells present and absent	664								2062	
		'Treg', 'Breg'	'Breg': only when CD25+ cells absent								635		
			'Breg' when CD25 present BUT 'Bdep' when CD25 absent,	**2063			165	**254*** **145	61 (P)				1404
	'Treg', 'Bdep'	'Bdep' only when CD25+ cells absent	392					1187 (P)	223 676		2009		
	DSR	'Bdep'	'Bdep' when CD25 present, 'Breg' when CD25+ cells absent										31*
			'Bdep' when CD25+ cells present and absent		958 (P)			326	1444 (P) 438	864		2030 (P) 459	2002 2037 1440
			'Bdep': only when CD25+ cells present	158† 841† 1030†					397			497 (P) 170 (P)	
T1 ND or Not fully interpretable			965	1438	2003 (P)			516		861	654	1275# 1423# 1997 (P)	

\*\* DSR Breg at time point 1

\*\*\* DSR with Breg at time point 2

† these samples had incomplete testing at T1, making it difficult to ascribe a particular pattern, and are therefore included in the not done/not viable row in table 2a, but difference between T1 & T2 nevertheless discernible on T2 sample alone.

# these samples were NDSR T1

Patients highlighted in yellow are in the 'stable' subgroup, whereas those highlighted in red are in the 'deteriorating' subgroup.