

# A method for reducing specular reflections in Mueller matrix imaging: supplemental document

## 1. LIST OF ANGLES

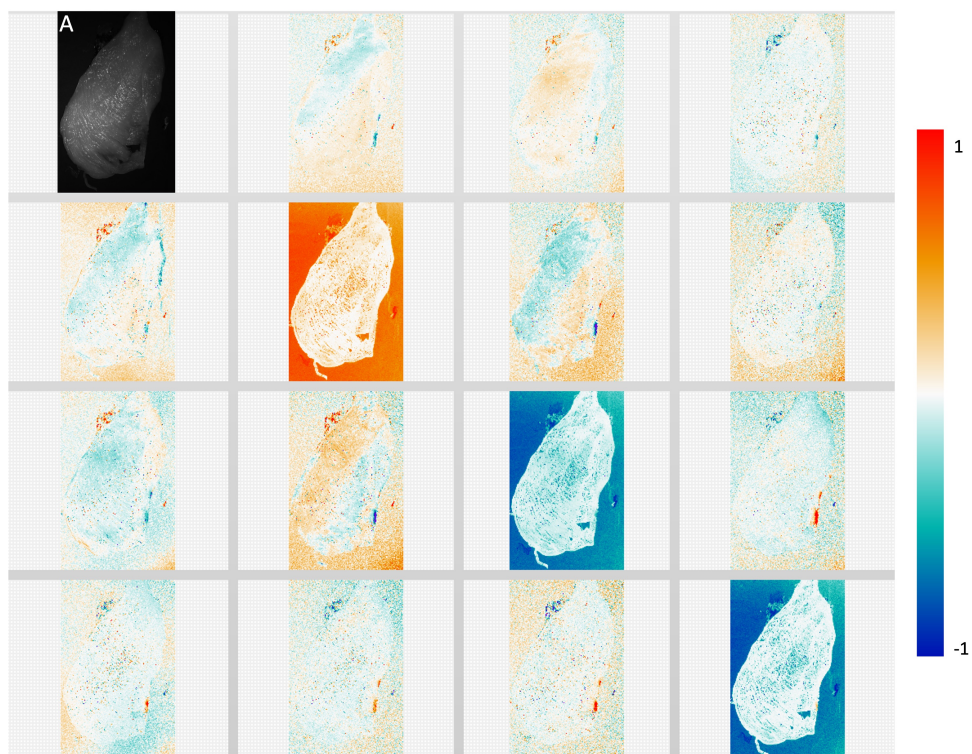
Table S1 lists the 16 specific angles of the PSG and PSA used in each one for the angular sets described in the manuscript.

A		B		C		D		E		F	
PSG	PSA	PSG	PSA	PSG	PSA	PSG	PSA	PSG	PSA	PSG	PSA
137.25	30.37	29.30	140.86	64.45	145.7	62.58	149.55	161.50	48.70	114.00	0.02
87.00	112.96	157.79	131.50	63.21	164.87	122.63	8.53	62.51	155.24	148.91	36.19
44.33	137.25	141.71	61.71	1.95	61.24	128.17	109.64	127.34	29.49	145.29	114.00
76.19	175.28	96.27	102.02	87.44	173.28	95.51	158.37	64.95	147.21	33.86	15.70
15.48	122.95	22.00	76.22	165.28	50.66	97.18	171.75	126.53	110.63	134.68	38.14
141.99	175.28	162.82	0.53	174.27	174.48	127.17	43.72	142.21	26.16	87.62	89.96
63.72	148.61	51.25	26.52	65.99	124.41	98.85	13.98	33.33	20.95	166.09	69.14
33.95	47.35	59.40	137.32	30.03	110.42	176.15	156.30	46.95	113.77	42.61	110.51
135.84	59.97	42.75	91.35	120.81	115.04	81.61	67.45	120.61	4.80	1.24	74.54
23.96	154.32	169.58	163.71	17.34	167.09	53.24	114.46	0.11	170.16	104.53	179.99
145.25	133.25	135.52	31.85	134.10	47.54	49.62	133.75	2.34	178.74	27.60	98.01
64.30	54.39	163.30	49.06	50.76	47.45	124.22	25.95	39.24	126.10	112.38	18.75
1.21	41.64	9.36	30.83	1.45	152.68	31.62	120.56	78.22	76.79	178.20	163.61
175.65	144.87	122.41	93.60	3.18	97.00	21.89	15.65	161.03	59.59	29.18	119.74
43.65	118.82	81.35	132.11	30.52	129.76	160.34	53.50	13.65	2.36	90.88	74.36
103.12	89.91	52.26	55.61	152.05	144.29	40.84	27.66	45.19	133.19	121.40	112.33

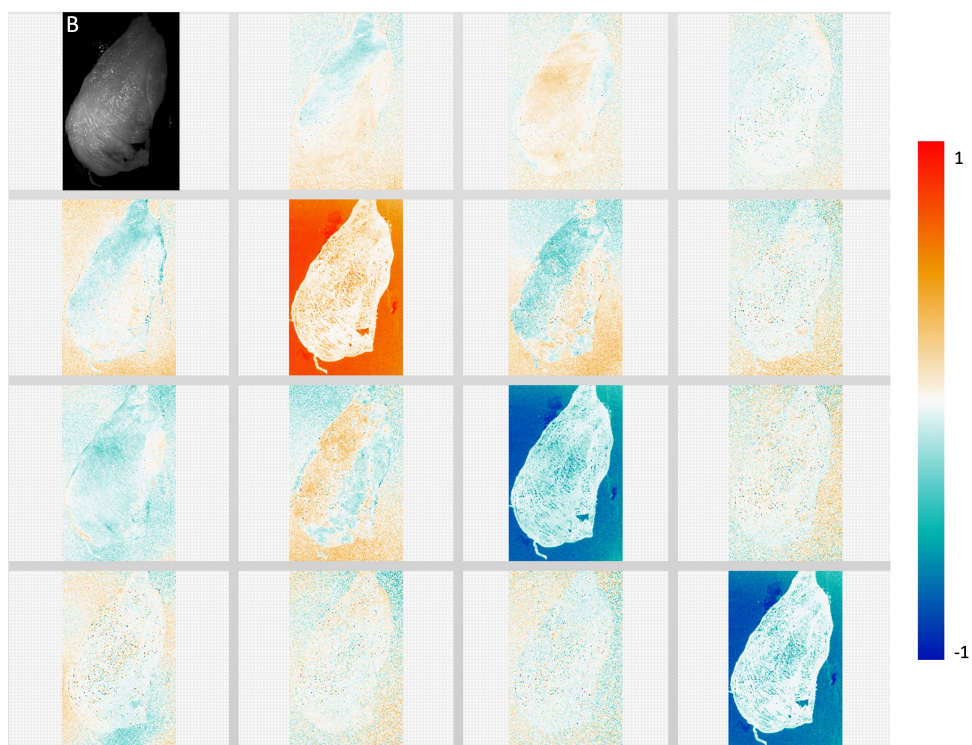
**Table S1.** Angles (in degrees) of the different angular sets (A, B, C, D, E and F) used along this work

## 2. EXPERIMENTAL MUELLER MATRICES

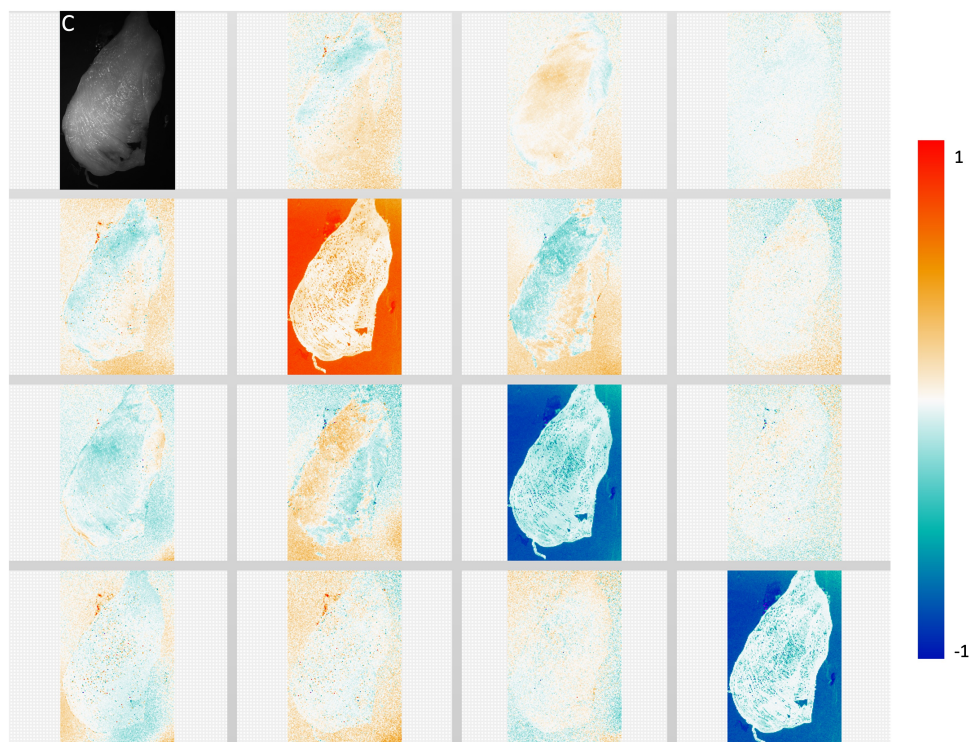
Figs. S1, S2, S3, S4, S5, S6 respectively show the experimental Mueller matrices measured for angular sets A, B, C, D, E and F. The color bar ranges from -1 to 1 and the off-diagonal elements are multiplied by a factor of 5 to enhance the visualization of the results in all matrices. The  $m_{00}$  element (that for a normalized Mueller matrix is one) has been replaced by the intensity images (the unnormalized  $m_{00}$  element).



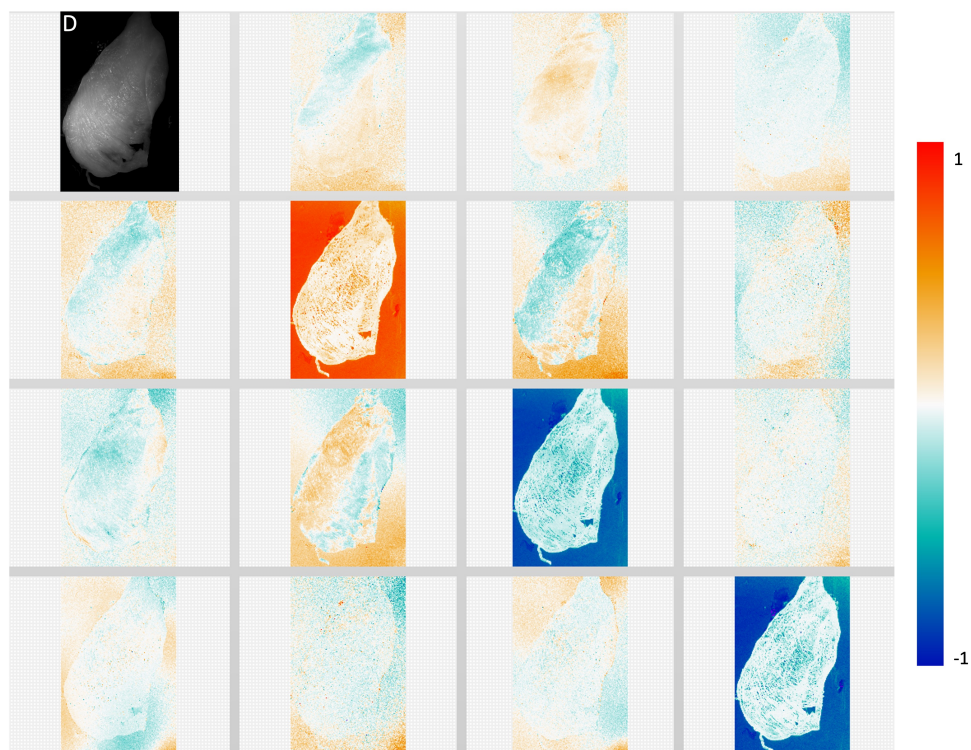
**Fig. S1.** Normalized Mueller matrix obtained using angular set A.



**Fig. S2.** Normalized Mueller matrix obtained using angular set B.

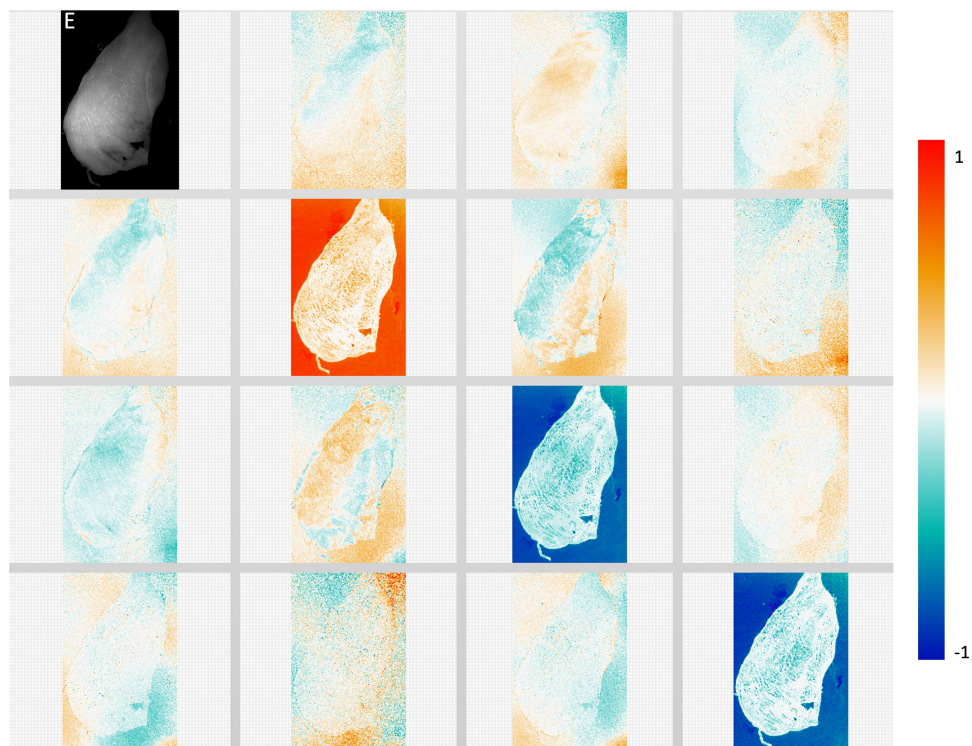


**Fig. S3.** Normalized Mueller matrix obtained using angular set C.

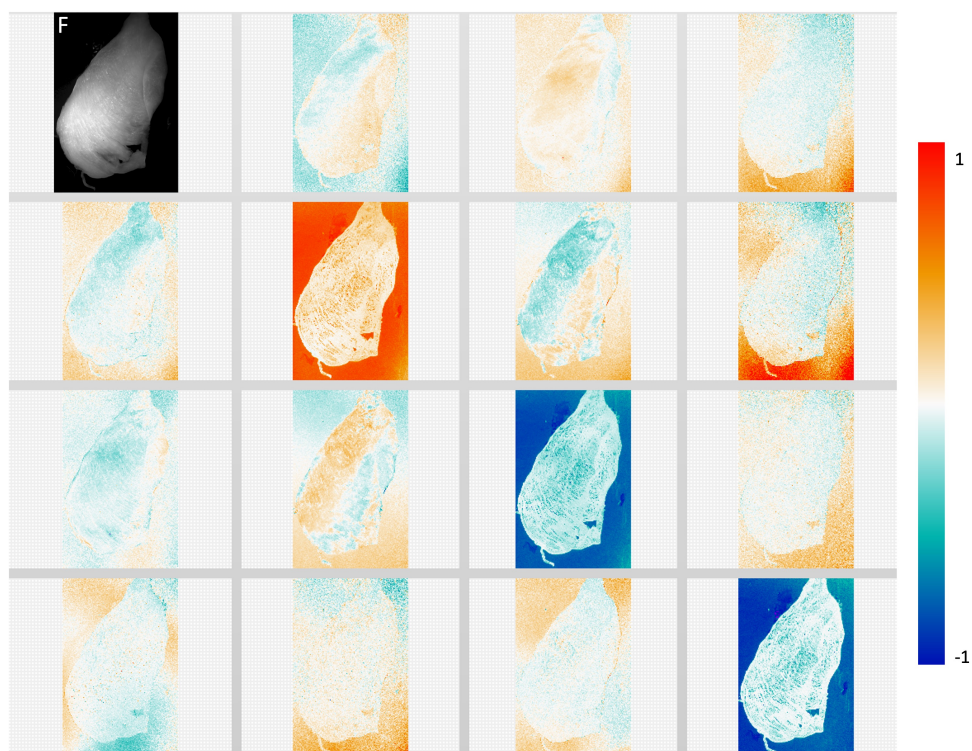


**Fig. S4.** Normalized Mueller matrix obtained using angular set D.





**Fig. S5.** Normalized Mueller matrix obtained using angular set E.



**Fig. S6.** Normalized Mueller matrix obtained using angular set F.