

Table 3. Localization of lectin-reactive glycans in OA cartilage.

OA cartilage from nine donors was histologically processed and stained with labeled lectins and ASF. Specimens, except for specimens 6 and 7, encompassed areas of advanced (MS $\geq$ 9) and of mild degeneration (MS $\leq$ 4). Specimens 6 and 7, however, only contained regions of advanced degeneration. Positivity of chondrons and interterritorial matrix was assessed microscopically for MS $\geq$ 9 and MS $\leq$ 4 regions separately. The percentages given at the bottom of the table refer to the fractions of specimens presenting stained chondrons or interterritorial matrix among all analyzed OA cartilage specimens (n=9 in case of MS $\geq$ 9; n=7 in case of MS $\leq$ 4). – no staining; + positive; ++ intense staining; / not available; MS: Mankin score

Donors	PHA-E				PHA-L				MAA-I				SNA				ConA				PSA			
	Chondrons		Matrix		Chondrons		Matrix		Chondrons		Matrix		Chondrons		Matrix		Chondrons		Matrix		Chondrons		Matrix	
	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9
1	-	+	-	-	-	-	-	-	-	+	-	+	-	+	-	-	+	+	+	++	+	+	+	++
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	++	+	+	+	++
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	-	-	-	-
4	+	+	-	+	-	+	-	+	-	+	-	+	+	+	+	++	+	+	++	++	-	+	-	++
5	+	+	-	+	-	-	-	-	-	-	-	-	-	+	-	+	+	+	++	++	+	+	++	++
6	/	-	/	+	/	-	/	-	/	-	/	-	/	-	/	-	/	+	/	++	/	+	/	+
7	/	+	/	+	/	+	/	-	/	+	/	+	/	+	/	-	/	+	/	++	/	+	/	+
8	-	+	-	-	-	-	-	-	-	+	-	+	-	-	-	-	+	+	+	++	+	+	+	++
9	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+	+	+	+	-	-	-	-
positivity (%)	29%	56%	0%	44%	0%	22%	0%	11%	0%	44%	0%	56%	14%	44%	14%	22%	100%	100%	100%	100%	57%	78%	57%	78%

Donors	DBA				PNA				JAC				LEA				VAA				ASF			
	Chondrons		Matrix		Chondrons		Matrix		Chondrons		Matrix		Chondrons		Matrix		Chondrons		Matrix		Chondrons		Matrix	
	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9	MS $\leq$ 4	MS $\geq$ 9
1	-	-	-	-	+	+	+	++	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	+
2	-	-	-	-	+	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	+	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+
4	-	+	+	+	+	+	++	++	-	-	-	++	-	+	-	+	-	+	-	+	-	+	-	++
5	-	-	+	+	+	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
6	/	-	/	-	/	+	/	++	/	-	/	-	/	-	/	-	/	-	/	-	/	+	/	++
7	/	+	/	+	/	+	/	++	/	-	/	+	/	-	/	+	/	+	/	+	/	+	/	++
8	-	-	-	-	+	-	+	++	-	-	-	+	-	+	-	-	-	+	-	+	+	+	-	+
9	-	-	-	-	+	-	-	++	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
positivity (%)	0%	22%	29%	33%	100%	67%	43%	100%	0%	0%	0%	33%	0%	22%	0%	22%	0%	33%	0%	33%	43%	89%	43%	89%