Table S2. Monosaccharide quantification for AIR, pectins, hemicelluloses, RG-I isolated domain and OGAs.

	Fucose		Rhamnose		Arabinose		Galactose		Glucose		Mannose		Xylose		GalA		GlcA	
AIR	mg monosaccharide / g AIR																	
Blueberry	0.47	(0.04)	3.89	(0.12)	13.99	(0.20)	20.47	(0.42)	13.70	(0.80)	4.06	(0.40)	140.33	(0.80)	21.44	(0.22)	0.95	(0.20)
Juice	0.43	(0.06)	9.60	(0.13)	26.53	(0.14)	79.87	(1.15)	83.82	(5.37)	29.82	(0.71)	35.06	(0.94)	70.69	(1.73)	4.50	(0.09)
Apple	7.05	(0.25)	13.48	(0.54)	64.64	(0.67)	48.85	(1.99)	23.45	(1.21)	8.87	(0.03)	58.87	(4.02)	84.98	(2.95)	1.91	(0.02)
Pear	3.97	(0.13)	10.68	(0.28)	52.20	(1.99)	27.29	(0.78)	14.62	(0.10)	8.32	(0.11)	119.89	(4.52)	63.27	(1.55)	2.23	(0.04)
Tomato	0.31	(0.01)	5.63	(0.06)	17.60	(0.86)	23.16	(0.55)	14.04	(0.51)	60.51	(1.97)	23.82	(1.20)	58.27	(2.80)	2.58	(0.04)
White strawberry	3.98	(0.22)	22.92	(0.73)	88.83	(4.50)	79.24	(4.24)	40.64	(1.63)	9.85	(0.74)	106.63	(13.26)	197.79	(11.92)	3.14	(0.15)
Pectins	mg monosaccharide / g pectin																	
Blueberry	0.71	(0.02)	7.53	(0.19)	32.52	(1.13)	30.54	(0.78)	15.68	(0.50)	4.34	(0.12)	32.32	(4.97)	188.36	(8.42)	2.80	(0.18)
Juice	0.51	(0.12)	11.65	(0.80)	27.31	(2.31)	69.23	(6.85)	28.93	(1.81)	5.76	(0.47)	8.44	(0.44)	131.28	(6.56)	3.69	(0.06)
Apple	2.38	(0.16)	10.97	(0.88)	58.13	(3.85)	28.61	(2.05)	20.66	(1.29)	1.22	(0.15)	16.98	(1.20)	235.88	(18.23)	3.54	(0.24)
Pear	1.87	(0.01)	16.04	(0.11)	81.17	(0.61)	30.79	(0.20)	18.32	(0.16)	5.66	(0.12)	17.71	(0.19)	192.43	(2.77)	3.84	(0.08)
Tomato	0.38	(0.04)	8.12	(0.66)	17.23	(1.56)	23.15	(2.20)	6.40	(0.64)	4.33	(0.47)	5.83	(0.65)	182.18	(14.25)	3.53	(0.22)
White strawberry	N.D		13.70	(0.17)	69.50	(1.61)	48.06	(0.61)	17.44	(0.55)	1.78	(0.02)	13.44	(0.49)	289.20	(6.00)	N.D	
Hemicellulose	mg monosaccharide / g hemicellulose																	
Blueberry	1.28	(0.04)	7.37	(0.12)	50.31	(0.20)	62.57	(0.42)	89.49	(0.80)	16.94	(0.39)	88.17	(0.80)	9.10	(0.22)	0.92	(0.20)
Juice	0.29	(0.03)	14.31	(1.33)	50.46	(4.51)	125.64	(6.09)	136.37	(12.88)	23.24	(1.78)	135.80	(12.63)	31.86	(2.64)	14.26	(1.23)
Apple	24.12	(3.28)	65.41	(3.71)	253.73	(5.81)	162.60	(7.57)	151.31	(15.03)	9.07	(1.36)	176.18	(14.83)	121.18	(2.50)	6.24	(0.22)
Pear	13.23	(1.25)	23.48	(1.53)	127.91	(6.90)	63.86	(5.19)	107.14	(8.53)	10.71	(0.57)	117.64	(11.18)	50.24	(2.61)	5.83	(0.39)
Tomato	0.40	(0.02)	12.48	(0.39)	42.61	(0.21)	49.18	(0.36)	108.87	(1.24)	30.49	(1.13)	132.30	(1.60)	38.01	(1.65)	8.56	(0.31)
White strawberry	12.29	(2.22)	22.34	(2.67)	104.75	(14.36)	87.96	(13.12)	99.29	(17.19)	17.24	(2.21)	128.26	(19.77)	32.61	(3.62)	N.D	
OGAs	mg monosaccharide / g AIR																	
Blueberry	N.D		0.02	(0.001)	0.03	(0.001)	0.04	(0.002)	0.09	(0.006)	TR		0.04	(0.001)	16.86	(0.38)	N.D	
Juice	N.D		0.04	(0.002)	0.06	(0.002)	0.31	(0.007)	0.29	(0.006)	0.06	(0.002)	0.23	(0.01)	22.05	(0.68)	0.01	(0.001)
Apple	0.02	(0.001)	0.03	(0.001)	0.06	(0.003)	0.07	(0.004)	0.23	(0.01)	0.01	(0.003)	0.29	(0.02)	23.42	(0.69)	0.07	(0.01)
Pear	0.01	(0.000)	0.03	(0.001)	0.1	(0.003)	0.04	(0.002)	0.09	(0.003)	0.02	(0.001)	0.21	(0.01)	18.32	(0.54)	0.05	(0.004)
Tomato	N.D		0.02	(0.000)	0.02	(0.000)	0.04	(0.001)	0.07	(0.002)	0.01	(0.001)	0.10	(0.003)	15.53	(0.06)	0.02	(0.01)
White strawberry	N.D		TR		TR		0.05	(0.002)	0.23	(0.01)	N.D		0.02	(0.005)	8.90	(0.31)	N.D	
RG-I	mg monosaccharide / g AIR																	
Blueberry	0.01	(0.000)	0.18	(0.000)	1.69	(0.000)	0.59	(0.001)	0.07	(0.000)	N.D		0.05	(0.000)	0.19	(0.003)	TR	
Juice	0.06	(0.003)	1.33	(0.01)	3.76	(0.03)	7.69	(0.09)	0.56	(0.000)	N.D		0.16	(0.002)	1.63	(0.01)	0.02	(0.001)
Apple	0.03	(0.000)	1.00	(0.002)	5.93	(0.02)	3.11	(0.01)	0.18	(0.005)	N.D		1.44	(0.01)	1.35	(0.01)	0.02	(0.002)
Pear	0.06	(0.002)	1.12	(0.03)	6.54	(0.17)	2.74	(0.07)	0.17	(0.005)	N.D		1.23	(0.03)	1.40	(0.02)	0.03	(0.002)
Tomato	0.01	(0.001)	0.84	(0.001)	1.79	(0.001)	2.14	(0.002)	0.08	(0.001)	N.D		0.15	(0.000)	1.15	(0.03)	0.03	(0.005)
White strawberry	TR		0.71	(0.004)	2.96	(0.01)	2.45	(0.01)	0.19	(0.002)	TR		0.21	(0.004)	0.58	(0.007)	TR	

N.D: no detected; TR: traces.