


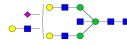
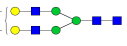
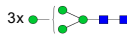
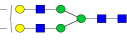
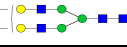
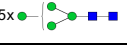
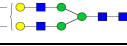
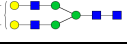
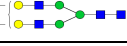
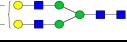
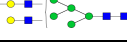









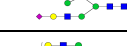



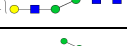






Data S2. Structural assignment and relative abundance of N-glycans on 2,6-Sia Poly-LacNac fowl erythrocytes.

Chicken 2,6-Sia Poly-LacNac













































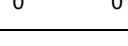





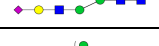








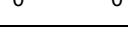




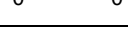




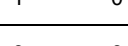




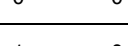




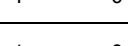


















































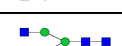



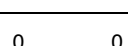




















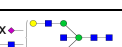














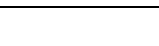




Proposed structure	Relative abundance [%]	mass [Da]	rt [min]	Hex	HexNAc	Fuc	NeuAc	NeuGc
	9,283	1355,48619	13,972	5	2	0	0	0
	6,341	2255,81972	17,482	5	5	0	1	0
	4,577	2546,91514	19,133	5	5	0	2	0
	3,986	2620,95192	19,131	6	6	0	1	0
	3,753	2417,87255	18,385	6	5	0	1	0
	3,691	1517,53901	15,323	6	2	0	0	0
	3,550	2783,00474	19,424	7	6	0	1	0
	2,787	2708,96796	19,937	6	5	0	2	0
	2,354	1841,64466	17,795	8	2	0	0	0
	2,282	3074,10016	20,899	7	6	0	2	0
	2,232	2417,87255	18,121	6	5	0	1	0
	2,189	2417,87252	18,374	6	5	0	1	0
	1,829	2214,79318	17,852	6	4	0	1	0
	1,829	2376,846	18,929	7	4	0	1	0
	1,789	2003,69748	18,715	9	2	0	0	0
	1,748	1964,72431	15,579	5	5	0	0	0
	1,633	2620,95192	18,826	6	6	0	1	0
	1,545	2255,81972	17,219	5	5	0	1	0
	1,494	1679,59184	16,719	7	2	0	0	0
	1,484	1640,61866	13,587	3	5	0	0	0
	1,482	2620,95192	18,464	6	6	0	1	0
	1,386	2912,04734	20,187	6	6	0	2	0
	1,341	2692,97305	19,287	5	5	1	2	0
	1,158	2011,71377	17,384	6	3	0	1	0
	1,094	2401,87763	17,675	5	5	1	1	0
	1,083	3074,10016	20,962	7	6	0	2	0
	1,025	1679,59184	16,51	7	2	0	0	0
	0,923	3074,10016	20,751	7	6	0	2	0
	0,776	2085,75058	17,2	7	4	0	0	0
	0,753	2563,93046	18,523	6	5	1	1	0
	0,731	1923,69776	15,986	6	4	0	0	0
	0,722	1640,61866	13,582	3	5	0	0	0

	0,717	1850,68138	15,345		5		3		2	0	0
	0,678	2708,96796	19,945		6		5	0		2	0
	0,669	2255,81972	17,483		5		5	0		1	0
	0,635	1849,66098	16,258		5		3	0		1	0
	0,626	2401,87763	17,407		5		5		1		1
	0,617	3074,10016	20,806		7		6	0		2	0
	0,592	2126,77713	16,81		6		5	0	0	0	0
	0,582	2343,83577	18,495		5		4	0		2	0
	0,541	1688,62856	14,068		4		3		2	0	0
	0,520	1802,67148	14,545		4		5	0	0	0	0
	0,501	2489,89368	18,676		5		4		1		2
	0,489	2767,00983	18,978		6		6		1		1
	0,474	2255,81972	17,211		5		5	0		1	0
	0,474	2929,06265	19,508		7		6		1		1
	0,462	2855,02587	20,066		6		5		1		2
	0,456	2767,00983	19,249		6		6		1		1
	0,418	2329,8565	17,006		6		6	0	0	0	0
	0,413	2563,93046	18,276		6		5		1		1
	0,407	2401,87763	17,682		5		5		1		1
	0,392	2912,04734	20,526		6		6	0		2	0
	0,370	2329,8565	16,958		6		6	0	0	0	0
	0,361	2198,79826	16,843		5		4		1		1
	0,360	2912,04734	20,531		6		6	0		2	0
	0,352	2255,81972	16,512		5		5	0		1	0
	0,352	2052,74035	16,636		5		4	0		1	0
	0,342	2110,78222	15,799		5		5		1	0	0
	0,338	1437,53929	12,738		3		4	0	0	0	0
	0,327	2052,74032	16,632		5		4	0		1	0
	0,314	1193,43337	12,28		4		2	0	0	0	0
	0,297	3423,23744	21,579		7		7		1		2
	0,292	2126,77713	16,321		6		5	0	0	0	0
	0,281	2912,04734	19,778		6		6	0		2	0
	0,280	3365,19558	22,189		7		6	0		3	0
	0,280	2767,00983	18,598		6		6		1		1
	0,278	2329,8565	17,405		6		6	0	0	0	0

	0,258	2546,91514	18,491	5	5	0	2	0
	0,245	2157,77171	17,582	6	3	1	1	0
	0,244	1923,69776	16,307	6	4	0	0	0
	0,243	2126,77713	16,314	6	5	0	0	0
	0,240	1679,59184	16,711	7	2	0	0	0
	0,239	2199,81866	16,614	5	4	3	0	0
	0,234	3058,10525	20,292	6	6	1	2	0
	0,228	1687,60816	15,02	4	3	0	1	0
	0,227	1833,66607	15,277	4	3	1	1	0
	0,226	1786,67657	13,832	3	5	1	0	0
	0,225	1720,61839	15,633	6	3	0	0	0
	0,222	2491,90933	18,116	7	6	0	0	0
	0,221	1964,72431	15,576	5	5	0	0	0
	0,220	2912,04734	19,778	6	6	0	2	0
	0,206	3220,15807	20,884	7	6	1	2	0
	0,201	2093,7669	16,716	4	5	0	1	0
	0,193	2198,79826	16,851	5	4	1	1	0
	0,192	2165,75031	19,504	10	2	0	0	0
	0,184	2344,85617	17,569	5	4	2	1	0
	0,171	2692,97305	19,296	5	5	1	2	0
	0,169	2491,90933	17,768	7	6	0	0	0
	0,164	2620,95192	19,131	6	6	0	1	0
	0,157	2093,7669	15,576	4	5	0	1	0
	0,157	2329,8565	17,413	6	6	0	0	0
	0,152	2417,87252	18,388	6	5	0	1	0
	0,152	2417,87255	18,388	6	5	0	1	0
	0,151	2475,91441	17,182	6	6	1	0	0
	0,145	2093,7669	16,302	4	5	0	1	0
	0,144	2199,81866	16,614	5	4	3	0	0
	0,142	3000,06338	21,495	6	5	0	3	0
	0,137	2708,96796	19,694	6	5	0	2	0
	0,136	2052,74035	16,751	5	4	0	1	0
	0,135	3074,10016	20,913	7	6	0	2	0
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	0,129	1761,64494	15,563	5	4	0	0	0

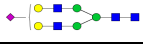











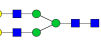

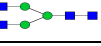










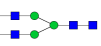
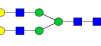








	0,122	2214,79314	18,367		6	4	0	1	0
	0,115	2272,83504	16,536		6	5	1	0	0
	0,113	1558,56556	14,316		5	3	0	0	0
	0,112	1802,67148	14,527		4	5	0	0	0
	0,112	3220,15807	20,771		7	6	1	2	0
	0,111	1177,43845	10,828		3	2	1	0	0
	0,110	2053,76075	15,853		5	4	2	0	0
	0,109	2912,04734	20,179		6	6	0	2	0
	0,107	2708,96796	19,427		6	5	0	2	0
	0,105	1396,51274	13,082		4	3	0	0	0
	0,104	2855,02587	19,826		6	5	1	2	0
	0,103	1907,70284	15,078		5	4	1	0	0
	0,101	2360,85105	18,06		6	4	1	1	0
	0,093	3423,23744	21,034		7	7	1	2	0
	0,089	2426,90927	21,624		3	6	2	1	0
	0,088	2417,87252	17,162		6	5	0	1	0
	0,088	2417,87255	17,162		6	5	0	1	0
	0,084	2069,75567	16,142		6	4	1	0	0
	0,084	1948,72939	14,8		4	5	1	0	0
	0,079	1995,71889	16,486		5	3	1	1	0
	0,075	2093,7669	16,312		4	5	0	1	0
	0,074	2530,92023	18,282		4	5	1	2	0
	0,072	3423,23744	21,581		7	7	1	2	0
	0,069	1890,68753	14,86		4	4	0	1	0
	0,067	1841,64466	17,793		8	2	0	0	0
	0,066	2255,81972	17,753		5	5	0	1	0
	0,066	1687,60816	14,338		4	3	0	1	0
	0,065	2214,79318	15,92		6	4	0	1	0
	0,063	1679,59184	16,507		7	2	0	0	0
	0,062	3876,38568	22,873		8	7	1	3	0
	0,061	2912,04734	19,751		6	6	0	2	0
	0,057	2376,846	17,066		7	4	0	1	0
	0,057	2052,74035	15,44		5	4	0	1	0
	0,056	2546,91514	17,436		5	5	0	2	0
	0,054	2579,92537	18,681		7	5	0	1	0

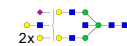
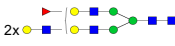











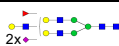
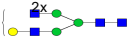














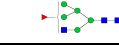







	0,054	3074,10016	20,27		7		6	0		2	0	
	0,053	3074,10016	20,262		7		6	0		2	0	
	0,051	2052,74035	15,689		5		4	0		1	0	
	0,051	2343,83577	17,843		5		4	0		2	0	
	0,050	2214,79318	16,677		6		4	0		1	0	
	0,050	2637,96724	17,937		7		6		1	0	0	
	0,049	2620,95192	18,026		6		6	0		1	0	
	0,049	3058,10525	19,903		6		6		1		2	0
	0,049	2272,83504	16,978		6		5		1	0	0	
	0,048	1850,68138	15,382		5		3		2	0	0	
	0,047	3423,23744	21,403		7		7		1		2	0
	0,044	2546,91514	18,502		5		5	0		2	0	
	0,044	1882,67121	8,934		7		3	0	0	0	0	
	0,043	2741,97819	19,615		8		5	0		1	0	
	0,042	1193,43337	12,059		4		2	0	0	0	0	
	0,042	3866,32844	8,973		7		6		1	0		4
	0,042	1031,38054	10,021		3		2	0	0	0	0	
	0,040	3511,25349	22,193		7		6		1		3	0
	0,040	1843,69803	14,637		3		6	0	0	0	0	
	0,037	2458,8991	18,025		5		6	0		1	0	
	0,036	2426,90927	20,987		3		6		2		1	0
	0,036	2667,94142	19,236		7		4	0		2	0	
	0,034	2475,91441	17,592		6		6		1	0	0	
	0,034	2783,00474	19,748		7		6	0		1	0	
	0,033	2620,95192	17,668		6		6	0		1	0	
	0,033	3058,10525	20,307		6		6		1		2	0
	0,033	2784,02515	19,04		7		6		2	0	0	
	0,033	2855,02587	20,08		6		5		1		2	0
	0,033	1907,70284	14,985		5		4		1	0	0	
	0,031	2360,85108	17,638		6		4		1		1	0
	0,030	1234,45992	11,45		3		3	0	0	0	0	
	0,028	1704,62347	14,581		5		3		1	0	0	
	0,028	2214,79318	17,457		6		4	0		1	0	
	0,027	1866,6763	15,844		6		3		1	0	0	
	0,027	2343,83577	16,983		5		4	0		2	0	

	0,027	3714,33286	9,072		7		7		1		3	0
	0,027	1501,5441	14,205		5		2		2		1	0
	0,026	2708,96796	19,423		6		5		0		2	0
	0,025	3058,10525	19,893		6		6		1		2	0
	0,024	2214,79318	17,754		6		4		0		1	0
	0,024	1761,64494	15,001		5		4		0		0	0
	0,022	2417,87255	17,518		6		5		0		1	0
	0,021	2620,95192	18,298		6		6		0		1	0
	0,019	1599,59211	14,179		4		4		0		0	0
	0,019	1720,61839	15,642		6		3		0		0	0
	0,018	1687,60816	15,634		4		3		0		1	0
	0,016	1355,48619	19,29		5		2		0		0	0
	0,016	1923,69776	15,992		6		4		0		0	0
	0,015	1745,65002	14,447		4		4		1		0	0
	0,015	1031,38054	8,723		3		2		0		0	0
	0,014	1989,75594	14,849		3		6		1		0	0
	0,014	1745,65002	14,207		4		4		1		0	0
	0,014	1728,63471	15,008		3		4		0		1	0
	0,013	2434,88786	17,35		7		5		1		0	0
	0,013	2052,74035	17,334		5		4		0		1	0
	0,012	3365,19558	21,667		7		6		0		3	0
	0,011	2215,81358	17,689		6		4		2		0	0
	0,010	2458,8991	18,022		5		6		0		1	0
	0,009	2620,95192	18,397		6		6		0		1	0
	0,008	3074,10016	20,208		7		6		0		2	0
	0,008	3058,10525	20,13		6		6		1		2	0
	0,008	1234,45992	10,832		3		3		0		0	0
	0,008	1396,51274	22,327		4		3		0		0	0
	0,007	2912,04734	19,767		6		6		0		2	0
	0,007	3220,15807	20,409		7		6		1		2	0
	0,006	2458,8991	18,376		5		6		0		1	0
	0,006	1031,38054	8,172		3		2		0		0	0
	0,006	2912,04734	20,054		6		6		0		2	0
	0,005	2377,8664	17,812		7		4		2		0	0
	0,005	1687,60816	20,794		4		3		0		1	0

	0,005	2167,80368	16,532	
	0,005	1849,66098	8,195	
	0,005	2912,04734	19,103	
	0,005	1031,38054	8,231	
	0,005	2953,07389	21,981	
	0,005	1866,6763	8,529	
	0,005	2708,96796	19,299	
	0,005	1849,66098	16,524	
	0,005	2912,04734	19,535	
	0,004	1355,48619	18,765	
	0,003	2929,06265	19,514	
	0,003	1882,67121	17,1	
	0,002	2709,98837	18,546	
	0,002	2692,97305	18,03	
	0,002	2256,84013	8,809	
	0,002	1355,48619	18,889	
	0,002	1849,66098	8,312	
	0,001	2767,00983	18,584	
	0,001	1761,64494	14,915	
	0,001	2256,84013	8,502	
	0,001	1355,48619	19,198	
	0,001	2256,84013	8,328	
	0,001	1866,6763	22,892	
	0,001	1355,48619	14,292	
	0,001	1355,48619	14,619	
	0,001	1355,48619	14,04	

Turkey 2,6-Sia Poly-LacNac

Proposed structure	Relative abundance [%]	mass [Da]	rt [min]	Hex	HexNAc	Fuc	NeuAc	NeuGc
	7,668	2052,740321	16,408	5	4	0	1	0
	6,298	2255,819725	17,249	5	5	0	1	0
	5,608	2563,930457	17,98	6	5	1	1	0
	5,244	2401,877634	17,447	5	5	1	1	0
	5,134	2417,872517	17,836	6	5	0	1	0
	5,010	2198,798261	16,609	5	4	1	1	0
	3,123	2692,97305	19,197	5	5	1	2	0
	3,093	2110,782217	15,428	5	5	1	0	0
	3,043	1687,608156	14,785	4	3	0	1	0
	2,749	2783,004744	19,227	7	6	0	1	0
	2,715	2767,009829	18,392	6	6	1	1	0
	2,623	2401,877634	17,17	5	5	1	1	0
	2,251	1786,67657	13,47	3	5	1	0	0
	2,053	1761,644936	14,458	5	4	0	0	0
	1,959	1177,438453	10,683	3	2	1	0	0
	1,929	2272,83504	16,143	6	5	1	0	0
	1,911	1833,666065	15,053	4	3	1	1	0
	1,902	2401,877634	17,431	5	5	1	1	0
	1,726	2343,835769	18,398	5	4	0	2	0
	1,698	2620,951921	18,252	6	6	0	1	0
	1,639	2546,915141	19,054	5	5	0	2	0
	1,539	2929,062653	19,326	7	6	1	1	0
	1,532	2929,062653	18,992	7	6	1	1	0
	1,527	2489,893678	18,57	5	4	1	2	0
	1,447	1907,702845	14,707	5	4	1	0	0
	1,412	2475,914413	16,768	6	6	1	0	0
	1,225	2239,82481	16,287	4	5	1	1	0
	1,163	2214,793145	17,099	6	4	0	1	0
	1,103	2783,004744	18,854	7	6	0	1	0
	1,033	2767,009829	18,719	6	6	1	1	0
	1,031	2725,98328	18,554	7	5	1	1	0
	0,995	2036,745438	15,784	4	4	1	1	0
	0,890	2620,951921	18,564	6	6	0	1	0
	0,837	2239,82481	16,714	4	5	1	1	0
	0,831	1995,718888	16,273	5	3	1	1	0

	0,800	2945,057568	19,887	8	6	0	1	0
	0,782	2637,967236	17,495	7	6	1	0	0
	0,758	3423,237442	20,901	7	7	1	2	0
	0,662	1850,681381	14,991	5	3	2	0	0
	0,584	3310,189763	20,866	9	7	0	1	0
	0,565	1948,729394	14,436	4	5	1	0	0
	0,524	2157,771712	17,347	6	3	1	1	0
	0,514	1833,666065	14,001	4	3	1	1	0
	0,500	1704,623472	13,911	5	3	1	0	0
	0,498	2491,909328	17,773	7	6	0	0	0
	0,469	1833,666065	14,305	4	3	1	1	0
	0,418	2708,967965	19,593	6	5	0	2	0
	0,407	2579,925372	18,473	7	5	0	1	0
	0,382	2343,835769	17,727	5	4	0	2	0
	0,342	2855,025873	19,73	6	5	1	2	0
	0,315	1745,650021	13,693	4	4	1	0	0
	0,302	3091,115476	19,525	8	6	1	1	0
	0,295	2093,766901	16,489	4	5	0	1	0
	0,289	2198,798261	15,866	5	4	1	1	0
	0,270	1501,544099	13,837	5	2	1	0	0
	0,267	1786,67657	13,884	3	5	1	0	0
	0,260	2360,851053	17,271	6	4	1	1	0
	0,249	2401,877634	17,801	5	5	1	1	0
	0,243	2579,925372	18,822	7	5	0	1	0
	0,238	2912,047337	20,135	6	6	0	2	0
	0,216	1849,660949	16,452	5	3	0	1	0
	0,213	1339,491276	12,369	4	2	1	0	0
	0,208	2725,98328	18,905	7	5	1	1	0
	0,174	1396,51274	12,674	4	3	0	0	0
	0,154	1355,486191	19,612	5	2	0	0	0
	0,146	2360,851053	17,783	6	4	1	1	0
	0,143	1704,623472	14,253	5	3	1	0	0
	0,134	2231,808491	16,263	7	4	1	0	0
	0,129	1882,67121	8,6	7	3	0	0	0
	0,122	2329,856504	16,703	6	6	0	0	0
	0,122	2239,82481	15,526	4	5	1	1	0
	0,115	2637,967236	17,774	7	6	1	0	0

	0,106	2255,819725	16,256		5	5	0	1	0
	0,102	1890,687529	14,603		4	4	0	1	0
	0,094	2708,967965	19,651		6	5	0	2	0
	0,090	2214,793145	17,57		6	4	0	1	0
	0,084	2199,818662	16,209		5	4	3	0	0
	0,070	2011,713772	17,382		6	3	0	1	0
	0,069	1882,67121	8,083		7	3	0	0	0
	0,068	1517,539014	15,04		6	2	0	0	0
	0,066	3294,194849	19,948		8	7	1	1	0
	0,064	1761,644936	14,866		5	4	0	0	0
	0,062	1882,67121	8,234		7	3	0	0	0
	0,047	2052,740321	15,709		5	4	0	1	0
	0,043	1687,608156	15,318		4	3	0	1	0
	0,039	2692,97305	19,612		5	5	1	2	0
	0,031	2110,782217	15,815		5	5	1	0	0
	0,025	1501,544099	13,974		5	2	1	0	0
	0,024	2709,988366	19,647		6	5	2	2	0
	0,021	1193,433367	12,171		4	2	0	0	0
	0,019	2157,771712	17,669		6	3	1	1	0
	0,018	1396,51274	22,453		4	3	0	0	0
	0,017	1501,544099	18,522		5	2	1	0	0
	0,015	1501,544099	18,223		5	2	1	0	0
	0,015	1501,544099	19,174		5	2	1	0	0
	0,014	1355,486191	19,137		5	2	0	0	0
	0,011	1517,539014	22,968		6	2	0	0	0
	0,011	1906,682412	8,191		4	4	0	0	1
	0,010	3058,105246	20,195		6	6	1	2	0
	0,008	1501,544099	18,746		5	2	1	0	0
	0,007	1728,634705	20,355		3	4	0	1	0