

Metabolite	Bonferroni's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary
Aco2 - Negative siRNA					
Gluconic acid	0 h	0.00001099	1.418e-006 to 2.056e-005	Yes	*
	24 h	0.000009114	-4.558e-007 to 1.868e-005	No	ns
	48 h	0.000004313	-5.257e-006 to 1.388e-005	No	ns
	72 h	0.00001731	7.739e-006 to 2.688e-005	Yes	****
Lysine	0 h	0.00000565	-2.557e-006 to 1.386e-005	No	ns
	24 h	0.000007539	-6.686e-007 to 1.575e-005	No	ns
	48 h	0.000002524	-5.684e-006 to 1.073e-005	No	ns
	72 h	0.00001296	4.748e-006 to 2.116e-005	Yes	***
Sorbitol	0 h	-4.025E-07	-8.142e-006 to 7.337e-006	No	ns
	24 h	0.000003743	-3.997e-006 to 1.148e-005	No	ns
	48 h	2.816E-07	-7.458e-006 to 8.021e-006	No	ns
	72 h	0.000007622	-1.176e-007 to 1.536e-005	No	ns
Propanoic acid	0 h	0.000004375	-5.498e-006 to 1.425e-005	No	ns
	24 h	0.000001638	-8.236e-006 to 1.151e-005	No	ns
	48 h	0.000001548	-8.326e-006 to 1.142e-005	No	ns
	72 h	0.000009739	-1.343e-007 to 1.961e-005	No	ns
Serine	0 h	1.875E-07	-1.727e-007 to 5.477e-007	No	ns
	24 h	0.000000387	2.678e-008 to 7.472e-007	Yes	*
	48 h	7.786E-08	-2.824e-007 to 4.381e-007	No	ns
	72 h	4.913E-07	1.31e-007 to 8.515e-007	Yes	**
Threonine	0 h	5.313E-08	-9.081e-008 to 1.971e-007	No	ns
	24 h	0.000000111	-3.297e-008 to 2.549e-007	No	ns
	48 h	2.131E-08	-1.226e-007 to 1.652e-007	No	ns
	72 h	0.000000236	9.204e-008 to 3.799e-007	Yes	***
Proline	0 h	0.00000015	-6.27e-007 to 9.27e-007	No	ns
	24 h	7.401E-07	-3.689e-008 to 1.517e-006	No	ns
	48 h	1.933E-07	-5.838e-007 to 9.703e-007	No	ns
	72 h	0.000001255	4.784e-007 to 2.032e-006	Yes	***
Isoleucine	0 h	-4.812E-08	-4.081e-007 to 3.118e-007	No	ns
	24 h	2.514E-07	-1.086e-007 to 6.113e-007	No	ns
	48 h	3.947E-08	-3.205e-007 to 3.994e-007	No	ns
	72 h	4.564E-07	9.647e-008 to 8.163e-007	Yes	**

Symbol	Meaning
ns	$p > 0.05$
*	$p \leq 0.05$
**	$p \leq 0.01$
***	$p \leq 0.001$
****	$p \leq 0.0001$

Leucine	0 h	5.349E-07	-9.533e-007 to 2.023e-006	No	ns
	24 h	0.000001621	1.332e-007 to 3.11e-006	Yes	*
	48 h	3.037E-07	-1.184e-006 to 1.792e-006	No	ns
	72 h	0.000002397	9.091e-007 to 3.885e-006	Yes	***
Aspartic acid	0 h	7.325E-08	-1.304e-007 to 2.769e-007	No	ns
	24 h	6.66E-08	-1.37e-007 to 2.702e-007	No	ns
	48 h	-4.505E-08	-2.487e-007 to 1.586e-007	No	ns
	72 h	1.496E-07	-5.405e-008 to 3.532e-007	No	ns
Glutamine	0 h	7.15E-08	-3.479e-007 to 4.909e-007	No	ns
	24 h	3.704E-07	-4.903e-008 to 7.898e-007	No	ns
	48 h	6.05E-08	-3.589e-007 to 4.799e-007	No	ns
	72 h	6.848E-07	2.653e-007 to 1.104e-006	Yes	***
Propanoic acid	0 hr	0.000004375	-5.498e-006 to 1.425e-005	No	ns
	24 hr	0.000001638	-8.236e-006 to 1.151e-005	No	ns
	48 hr	0.000001548	-8.326e-006 to 1.142e-005	No	ns
	72 hr	0.000009739	-1.343e-007 to 1.961e-005	No	ns
Xylitol	0 hr	-1.186E-07	-1.309e-006 to 1.072e-006	No	ns
	24 hr	6.905E-07	-5e-007 to 1.881e-006	No	ns
	48 hr	-2.866E-08	-1.219e-006 to 1.162e-006	No	ns
	72 hr	0.000001121	-6.912e-008 to 2.312e-006	No	ns
4-Hydroxyproline	0 h	5.113E-07	-1.123e-006 to 2.146e-006	No	ns
	24 h	0.000001171	-4.638e-007 to 2.805e-006	No	ns
	48 h	0.000000398	-1.237e-006 to 2.033e-006	No	ns
	72 h	0.000002205	5.701e-007 to 3.839e-006	Yes	**
Acetic acid, bis[(trimethylsilyl)oxyl]-, trimethylsilyl ester	0 h	2.055E-07	-5.185e-008 to 4.629e-007	No	ns
	24 h	1.777E-07	-7.964e-008 to 4.351e-007	No	ns
	48 h	3.558E-08	-2.218e-007 to 2.929e-007	No	ns
	72 h	2.428E-07	-1.452e-008 to 5.002e-007	No	ns
Allose_1831_5TMS	0 h	-0.00000463	-8.421e-006 to -8.389e-007	Yes	*
	24 h	0.000003779	-1.199e-008 to 7.57e-006	No	ns
	48 h	6.898E-07	-3.101e-006 to 4.481e-006	No	ns
	72 h	0.000002792	-9.987e-007 to 6.583e-006	No	ns
Benzene, 1,4-dimethyl-2,5-bis(1-methylethyl)-	0 h	-2.021E-07	-5.744e-007 to 1.701e-007	No	ns
	24 h	1.723E-07	-2e-007 to 5.445e-007	No	ns

	48 h	-6.625E-08	-4.385e-007 to 3.06e-007	No	ns
	72 h	4.133E-07	4.107e-008 to 7.856e-007	Yes	*
Benzene, 1-bromo-3-fluoro-	0 h	1.199E-07	-2.913e-008 to 2.689e-007	No	ns
	24 h	1.434E-07	-5.616e-009 to 2.924e-007	No	ns
	48 h	3.409E-08	-1.149e-007 to 1.831e-007	No	ns
	72 h	2.333E-07	8.426e-008 to 3.823e-007	Yes	***
Benzo[b]naphtho[2,3-d]thiophene	0 h	-0.00001115	-3.211e-005 to 9.814e-006	No	ns
	24 h	0.000006313	-1.465e-005 to 2.728e-005	No	ns
	48 h	-5.987E-07	-2.156e-005 to 2.037e-005	No	ns
	72 h	0.00001727	-3.699e-006 to 3.823e-005	No	ns
Benzoic acid, 4-(4-propylcyclohexyl)-, 4'-cyano[1,1'-biphenyl]-4-yl ester	0 h	0.000000875	1.601e-007 to 1.59e-006	Yes	*
	24 h	6.885E-07	-2.641e-008 to 1.403e-006	No	ns
	48 h	3.623E-07	-3.527e-007 to 1.077e-006	No	ns
	72 h	0.000001258	5.433e-007 to 1.973e-006	Yes	***
Dodecane	0 h	1.468E-07	-6.546e-007 to 9.481e-007	No	ns
	24 h	2.289E-07	-5.725e-007 to 1.03e-006	No	ns
	48 h	9.538E-08	-7.06e-007 to 8.967e-007	No	ns
	72 h	2.733E-07	-5.281e-007 to 1.075e-006	No	ns
Fructose	0 h	0.000000901	5.76e-008 to 1.744e-006	Yes	*
	24 h	5.916E-07	-2.518e-007 to 1.435e-006	No	ns
	48 h	2.369E-07	-6.065e-007 to 1.08e-006	No	ns
	72 h	0.000001319	4.751e-007 to 2.162e-006	Yes	***
Galactose	0 h	-7.141E-07	-3.718e-006 to 2.289e-006	No	ns
	24 h	0.000001943	-1.061e-006 to 4.946e-006	No	ns
	48 h	-4.775E-08	-3.051e-006 to 2.956e-006	No	ns
	72 h	0.000003211	2.073e-007 to 6.214e-006	Yes	*
Glucose	0 h	5.884E-07	3.728e-008 to 1.139e-006	Yes	*
	24 h	4.409E-07	-1.102e-007 to 9.92e-007	No	ns
	48 h	1.921E-07	-3.59e-007 to 7.432e-007	No	ns
	72 h	8.664E-07	3.153e-007 to 1.417e-006	Yes	***
Heneicosane	0 h	-1.05E-08	-1.575e-007 to 1.365e-007	No	ns
	24 h	1.293E-07	-1.768e-008 to 2.764e-007	No	ns
	48 h	4.8E-09	-1.422e-007 to 1.518e-007	No	ns
	72 h	1.981E-07	5.103e-008 to 3.451e-007	Yes	**

Hexadecanoic acid	0 h	4.288E-08	-3.908e-007 to 4.765e-007	No	ns
	24 h	0.000000374	-5.966e-008 to 8.077e-007	No	ns
	48 h	2.201E-08	-4.116e-007 to 4.557e-007	No	ns
	72 h	5.524E-07	1.188e-007 to 9.861e-007	Yes	**
Malonic acid	0 h	1.059E-07	-3.022e-007 to 5.139e-007	No	ns
	24 h	4.352E-07	2.721e-008 to 8.433e-007	Yes	*
	48 h	8.238E-08	-3.257e-007 to 4.904e-007	No	ns
	72 h	7.462E-07	3.382e-007 to 1.154e-006	Yes	****
Myo-Inositol	0 h	-7.037E-07	-1.454e-006 to 4.681e-008	No	ns
	24 h	7.625E-08	-6.743e-007 to 8.268e-007	No	ns
	48 h	-1.249E-07	-8.754e-007 to 6.257e-007	No	ns
	72 h	7.245E-07	-2.606e-008 to 1.475e-006	No	ns
N-Acetyl-L-glutamic acid	0 h	-9.887E-08	-5.578e-007 to 3.601e-007	No	ns
	24 h	3.894E-07	-6.957e-008 to 8.483e-007	No	ns
	48 h	7.588E-09	-4.514e-007 to 4.665e-007	No	ns
	72 h	5.763E-07	1.173e-007 to 1.035e-006	Yes	**
Nonadecane	0 h	-1.869E-07	-1.014e-006 to 6.401e-007	No	ns
	24 h	-1.75E-08	-8.445e-007 to 8.095e-007	No	ns
	48 h	-6.012E-08	-8.871e-007 to 7.668e-007	No	ns
	72 h	6.956E-07	-1.313e-007 to 1.523e-006	No	ns
Phosphate	0 h	-2.909E-07	-9.648e-007 to 3.83e-007	No	ns
	24 h	-1.402E-07	-8.142e-007 to 5.337e-007	No	ns
	48 h	3.006E-07	-3.733e-007 to 9.745e-007	No	ns
	72 h	3.998E-07	-2.742e-007 to 1.074e-006	No	ns
Phosphoric acid	0 h	-6.15E-08	-4.24e-007 to 3.01e-007	No	ns
	24 h	2.267E-07	-1.358e-007 to 5.892e-007	No	ns
	48 h	-9.1E-09	-3.716e-007 to 3.534e-007	No	ns
	72 h	3.874E-07	2.492e-008 to 7.499e-007	Yes	*
Ribitol, 1,2,3,4,5-pentakis-O-(trimethylsilyl)-	0 h	1.155E-07	-5.196e-007 to 7.506e-007	No	ns
	24 h	3.375E-10	-6.348e-007 to 6.355e-007	No	ns
	48 h	-1.575E-07	-7.927e-007 to 4.776e-007	No	ns
	72 h	1.672E-07	-4.68e-007 to 8.023e-007	No	ns
Ribitol	0 h	0.000000795	-6.568e-007 to 2.247e-006	No	ns
	24 h	9.403E-07	-5.116e-007 to 2.392e-006	No	ns
	48 h	2.198E-07	-1.232e-006 to 1.672e-006	No	ns

	72 h	0.000002168	7.159e-007 to 3.62e-006	Yes	**
Threitol	0 h	2.176E-07	1.28e-008 to 4.224e-007	Yes	*
	24 h	8.814E-08	-1.167e-007 to 2.929e-007	No	ns
	48 h	7.113E-09	-1.977e-007 to 2.119e-007	No	ns
	72 h	1.715E-07	-3.328e-008 to 3.763e-007	No	ns
Glycerol	0 h	2.075E-07	-4.982e-007 to 9.132e-007	No	ns
	24 h	9.465E-07	2.408e-007 to 1.652e-006	Yes	**
	48 h	2.503E-07	-4.554e-007 to 9.559e-007	No	ns
	72 h	0.000001501	7.954e-007 to 2.207e-006	Yes	****
Butanoic acid	0 h	0.000002351	-1.434e-006 to 6.137e-006	No	ns
	24 h	8.625E-07	-2.923e-006 to 4.648e-006	No	ns
	48 h	5.874E-07	-3.198e-006 to 4.373e-006	No	ns
	72 h	0.000004753	9.671e-007 to 8.538e-006	Yes	**