

**Pathway Analysis**

<b>Outcome: C-peptide</b>	<b>Total Metabolites in Pathway</b>	<b>Metabolite Hits</b>	<b>Raw p-value</b>	<b>FDR adjusted p-value</b>
Ammonia Recycling	32	4	3.27E-04	<b>0.032</b>
Arginine and Proline Metabolism	53	4	0.0023	0.093
Glycine and Serine Metabolism	59	4	0.0035	0.093
Urea Cycle	29	3	0.0038	0.093
Malate-Aspartate Shuttle	10	2	0.0054	0.11
Alanine Metabolism	17	2	0.016	0.23
Glutamate Metabolism	49	3	0.017	0.23
Glutathione Metabolism	21	2	0.023	0.29
Phenylalanine and Tyrosine Metabolism	28	2	0.040	0.44
Tyrosine Metabolism	72	3	0.046	0.44
Purine Metabolism	74	3	0.050	0.44
<b>Outcome: Birth Weight</b>				
Glycine and Serine Metabolism	59	8	7.07E-05	<b>0.0069</b>
Arginine and Proline Metabolism	53	6	0.0019	0.090
Urea Cycle	29	4	0.0058	0.19
Ammonia Recycling	32	4	0.0083	0.020
<b>Outcome: Sum of Skinfolds</b>				
Glycine and Serine Metabolism	59	4	0.0024	0.19
Ammonia Recycling	32	3	0.0039	0.19
Arginine and Proline Metabolism	53	3	0.016	0.53
Methylhistidine Metabolism	4	1	0.042	1.00