

**Table S1: Main components of the applied 42-Max-UB medium**

<b>Component</b>	<b>c [mM]</b>
Glucose	22.8
Pyruvate	1.9
Alanine	0.5
Arginine	1.8
Asparagine	1.0
Aspartic Acid	2.1
Cysteine	0.3
Glutamic Acid	0.7
Glutamine	5.9
Glycine	1.4
Histidine	0.8
Isoleucine	1.6
Leucine	2.5
Lysine	1.7
Methionine	0.8
Phenylalanine	1.2
Proline	1.1
Serine	3.4
Threonine	1.5
Tryptophan	0.5
Tyrosine	1.3
Valine	1.8
Additional minor components are proprietary	