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ERRATUM

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The SLC2 family of facilitated hexose and polyol transporters

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Owing to an unfortunate oversight, Table 1 did not appear in either the online or the printed version.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00424-003-1085-0>

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Table 1 SLC2 – The GLUT family

| Human Gene | Protein | Aliases | Predominant Substrates | Transport type / Coupling ions *) | Tissue distribution and cellular / subcellular expression | Link to disease #) | Human gene locus | Sequence ID | Splice variants and their specific features |
|------------|---------|---------|---|-----------------------------------|---|---|------------------|-------------|---|
| Name | Name | | | | | | | | |
| SLC2A1 | GLUT1 | | Glucose, Galactose, Mannose, Glucosamine | F | Erythrocytes, brain, blood barrier, Blood-tissue barrier | delay, acquired microcephaly, hypotonia | 1p35–31.3 | K03195 | |
| SLC2A2 | GLUT2 | | Glucose, Galactose, Fructose, Mannose, | F | Liver, islet of Langerhans, intestine, kidney, brain | Fanconi-Bickel syndrome | 3q26.2–27 | J03810 | |
| SLC2A3 | GLUT3 | | Glucosamine Glucose, Galactose, Mannose, Xylose | F | Brain (neurons), testis | | 12p13.3 | NM_006931 | |
| SLC2A4 | GLUT4 | | Glucose, Glucosamine | F | Adipose tissue (white and brown), skeletal and cardiac muscle | | 17p13 | M20747 | |
| SLC2A5 | GLUT5 | | Fructose | F | Small intestine, kidney | | | | |
| SLC2A6 | GLUT6 | GLUT9 | Glucose | F | Brain, spleen, leucocytes | | 1p36.2 | J05461 | |
| SLC2A7 | GLUT7 | O | | | | | 9q34 | Y17803 | |
| SLC2A8 | GLUT8 | GLUT-X1 | Glucose, Fructose, Galactose | F | Testis, brain, adrenal gland, liver, spleen, brown adipose tissue, lung | | 1p36.2 | Y17801 | |
| SLC2A9 | GLUT9 | GLUTX O | | | Kidney, liver, small intestine, placenta, lung and leucocytes | | 4p15.3–16 | AF210317 | |
| SLC2A10 | GLUT10 | | Glucose, Galactose | F | Heart, lung, brain, liver, skeletal muscle, pancreas, placenta and kidney | | 20q12–13.1 | AF321240 | |
| SLC2A11 | GLUT11 | GLU-T10 | Glucose, Fructose | F | Heart, muscle | | 22q11.2 | AJ271290 | 3 splice variants |