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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.

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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 Accession ID	Splice variants and their specific features
SLC2A1	GLUT1		Glucose, Galactose, Mannose, Glucosamine	F	Erythrocytes, brain, blood brain barrier, Blood-tissue barrier	developmental delay, acquired microcephaly, hypotonia	1p35–31.3	K03195	
SLC2A2	GLUT2		Glucose, Galactose, Fructose, Mannose, Glucosamine	F	Liver, islet of Langerhans, intestine, kidney, brain	Fanconi-Bickel syndrome	3q26.2–27	J03810	
SLC2A3	GLUT3		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		1p36.2	J05461	
SLC2A6	GLUT6	GLUT9	Glucose	F	Brain, spleen, leucocytes		9q34	Y17803	
SLC2A7	GLUT7	O	O				1p36.2		
SLC2A8	GLUT8	GLUT-XI	Glucose, Fructose, Galactose	F	Testis, brain, adrenal gland, liver, spleen, brown adipose tissue, lung		9	Y17801	
SLC2A9	GLUT9	GLUTX O	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