Gene name	Gene symbol	probe ID	Mapped panel in Fig.3	Reported to be regulated by CAR	Similary regulated in CAR KO mice		
GO:0055114~oxidation reduction							
2-4-dienoyl-Coenzyme A reductase 2, peroxisomal	Decr2	1423495_AT					
WW domain-containing oxidoreductase	Wwox	1446412_AT 1431960_AT					
butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxylase)	Bbox1	1459030_AT					
cDNA sequence BC089597	BC08959 7 (retinol dehydrog enase)	1451681_AT			+		
cytochrome P450, family 2, subfamily d, polypeptide 9	Cyp2d9	1419349_A_ AT			+		
cytochrome P450, family 7, subfamily a, polypeptide 1	Cyp7a1*	1422100_AT 1438743_AT	В	+	+		
cytochrome P450, family 7, subfamily b, polypeptide 1	Cyp7b1*	1421074_AT 1421075_S_ AT	В	+			
dihydrofolate reductase	Dhfr	1419172_AT	G				
fatty acid desaturase 2	Fads2*	1419031_AT 1443838_X_ AT	E				
fatty acid synthase	Fasn *	1423828_AT	D	+			
gulonolactone (L-)	Gulo	1451297 AT					
oxidase hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 5	Hsd3b5*	 1420531_AT	В				
retinol dehydrogenase 11	Rdh11	1449209_A_ AT					
retinol dehydrogenase 14 (all-trans and 9-cis)	Rdh14	1417438_AT					
short chain dehydrogenase/reductas e family 42E, member 1	Sdr42e1*	1427082_AT					
squalene epoxidase	Sqle	1415993_AT	В	+			
sterol-C4-methyl oxidase-like	Sc4mol *	1423078_A_ AT	В	+			
transmembrane 7 superfamily member 2	Tm7sf2 *	1460684_AT	В				
GO:0006694~steroid	biosyntheti						
alpha-methylacyl-CoA racemase	Amacr	1417208_AT	С				
cytochrome P450, family 7, subfamily b, polypeptide 1	Cyp7b1*	1421074_AT 1421075_S_ AT	В				
hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 5	Hsd3b5*	1420531_AT	В				
short chain	Sdr42e1*	1427082_AT					

Table S4. The list of 41 genes assigned to the GO-terms for 287 probe set

dehydrogenase/reductas					
e family 42E, member 1					
similar to Hmgcs1		1433445 X			
protein;		AT	_		
3-hydroxy-3-methylglutar	Hmgcs1*	1433443 A	В	+	
yl-Coenzyme A synthase		AT			
1					
sterol-C4-methyl	Sc4mol *	1423078_A_	В	+	
oxidase-like	00411101	AT	В	•	
transmembrane 7	Tm7sf2*	1460684 AT	В		
superfamily member 2		_	Б		
GO:0008203~cholest	erol metabo	lic process			
cytochrome P450, family		1438743 AT			
7, subfamily a,	Cyp7a1*		В	+	+
polypeptide 1		1422100_AT			
cytochrome P450, family		1421074 AT			
7, subfamily b,	Cyp7b1*	1421075 ⁻ S	В	+	
polypeptide 1	51	AT			
		1450788 AT			
serum amyloid A 1	Saa1	1419075_S_		+	+
		AT			
similar to Hmgcs1					
protein;		1433443_A_			
3-hydroxy-3-methylglutar	Hmgcs1*	AT	В	+	
yl-Coenzyme A synthase	rinigeor	1433445_X_	D		
		AT			
transmembrane 7					
	Tm7sf2 *	1460684_AT	В		
superfamily member 2 GO:0006633~fatty aci	d bioovethe	tia process			
GO.0006655~fally act	a biosynthe				
fatter a sid da satura sa O	E a da Ot	1419031_AT	_		
fatty acid desaturase 2	Fads2*	1443838_X_	E		
		I AT			
	– –	4.400000 4.7	_		
fatty acid synthase	Fasn *	1423828_AT	D	+	
predicted gene 11295;	Fasn *	_	D	+	
predicted gene 11295; ELOVL family member 6,		1445062_AT		+	
predicted gene 11295; ELOVL family member 6, elongation of long chain	Fasn * Elovl6		D D	+	
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast)		1445062_AT		+	
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182;	Elovl6	 1445062_AT 1417404_AT 1417403_AT	D	+	
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A				+	
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha	Elovl6	1445062_AT 1417404_AT 1417403_AT 1434185_AT	D	+	
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl	Elovl6 Acaca	 1445062_AT 1417404_AT 1417403_AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like	Elovl6 Acaca Sc4mol *	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1423078_A_ AT	D	+	
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl	Elovl6 Acaca Sc4mol *	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1423078_A_ AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869~	Elovl6 Acaca Sc4mol *	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1423078_A_ AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like <u>GO:0006869</u> apolipoprotein L 7a	Elovl6 Acaca Sc4mol * Ipid transp Apol7a	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1423078_A_ AT ort	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like <u>GO:0006869</u> - apolipoprotein L 7a oxysterol binding	Elovl6 Acaca Sc4mol * -Iipid transp Apol7a Osbpl3	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1423078_A_ AT ort 1453080_AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like <u>GO:0006869</u> - apolipoprotein L 7a oxysterol binding protein-like 3	Elovl6 Acaca Sc4mol * -lipid transp Apol7a Osbpl3 (Orp3)	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1423078_A_ AT ort 1453080_AT 1438724_AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like <u>GO:0006869</u> - apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol	Elovl6 Acaca Sc4mol * -lipid transp Apol7a Osbpl3 (Orp3) Pitpnc1	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1423078_A_ AT ort 1453080_AT 1438724_AT 1428484_AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like <u>GO:0006869</u> - apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein,	Elovl6 Acaca Sc4mol * -lipid transp Apol7a Osbpl3 (Orp3)	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1423078_A_ AT ort 1453080_AT 1438724_AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like <u>GO:0006869</u> - apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1	Elovl6 Acaca Sc4mol * -lipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB)	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1438724_AT 1428484_AT 1441574_AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869 - apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer	Elovl6 Acaca Sc4mol * -lipid transp Apol7a Osbpl3 (Orp3) Pitpnc1	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT ort 1453080_AT 1438724_AT 1428484_AT 1441574_AT 1456424_S_	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein	Elovl6 Acaca Sc4mol * Iipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1438724_AT 1428484_AT 1441574_AT	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27	Elovl6 Acaca Sc4mol * Iipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1438724_AT 1428484_AT 1441574_AT 1456424_S_ AT	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter),	Elovl6 Acaca Sc4mol * Iipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT ort 1453080_AT 1438724_AT 1428484_AT 1441574_AT 1456424_S_	D		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869 - apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2	Elovl6 Acaca Sc4mol * -Iipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2)	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 1453080_AT 1453080_AT 1428484_AT 1428484_AT 1441574_AT 1456424_S_ AT 1416316_AT	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2	Elovl6 Acaca Sc4mol * Iipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1453080_AT 1438724_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila)	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2*	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1453080_AT 1428484_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila) GO:0055085~trans	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2*	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1453080_AT 1428484_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila) GO:0055085~trans ATPase, H+	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2* membrane t	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1453080_AT 1428484_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT ransport	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila) GO:0055085~trans ATPase, H+ transporting, lysosomal	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2*	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1453080_AT 1428484_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila) GO:0055085~trans ATPase, H+ transporting, lysosomal V0 subunit D2	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2* membrane t Atp6v0d2	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 1423078_A_ AT 1453080_AT 1438724_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT 1434798_AT	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila) GO:0055085~trans ATPase, H+ transporting, lysosomal V0 subunit D2 aquaporin 4	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2* membrane t	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 0rt 1453080_AT 1453080_AT 1428484_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT ransport	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila) GO:0055085~trans ATPase, H+ transporting, lysosomal V0 subunit D2 aquaporin 4 predicted gene 7180;	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2* membrane t Atp6v0d2 Aqp4	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 1423078_A_ AT 1453080_AT 1438724_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT 1434798_AT 1434449_AT	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila) GO:0055085~trans ATPase, H+ transporting, lysosomal V0 subunit D2 aquaporin 4 predicted gene 7180; translocase of inner	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2* membrane t Atp6v0d2	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 1423078_A_ AT 1453080_AT 1438724_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT 1434798_AT	D D B		
predicted gene 11295; ELOVL family member 6, elongation of long chain fatty acids (yeast) predicted gene 5182; acetyl-Coenzyme A carboxylase alpha sterol-C4-methyl oxidase-like GO:0006869^ apolipoprotein L 7a oxysterol binding protein-like 3 phosphatidylinositol transfer protein, cytoplasmic 1 phospholipid transfer protein solute carrier family 27 (fatty acid transporter), member 2 spinster homolog 2 (Drosophila) GO:0055085~trans ATPase, H+ transporting, lysosomal V0 subunit D2 aquaporin 4 predicted gene 7180;	Elovl6 Acaca Sc4mol * Ipid transp Apol7a Osbpl3 (Orp3) Pitpnc1 (RdgB) Pltp Slc27a2 (Fatp2) Spns2* membrane t Atp6v0d2 Aqp4	1445062_AT 1417404_AT 1417403_AT 1434185_AT 1434185_AT 1423078_A_ AT 1423078_A_ AT 1453080_AT 1438724_AT 1428484_AT 1441574_AT 1441574_AT 1456424_S_ AT 1416316_AT 1451601_A_ AT 1434798_AT 1434449_AT	D D B		

17a	I			1
predicted gene 9797; translocase of inner mitochondrial membrane 8 homolog a1 (yeast); similar to small zinc finger-like protein	Timm8a1	1416345_AT		
scavenger receptor class A, member 5 (putative)	Scara5 (Ferritin transporte r)	1451204_AT		
similar to X-linked PEST-containing transporter; solute carrier family 16 (monocarboxylic acid transporters), member 2	SIc16a2 (Mct8, thyroid hormone transporte r)	1418445_AT		
solute carrier family 12, member 7	Slc12a7 (Kcc1, K / Cl transporte r)	1418257_AT		
solute carrier family 16 (monocarboxylic acid transporters), member 10	Ślc16a10 (Mct10, thyroid hormone transporte r)	1457851_AT		
solute carrier family 22 (organic anion transporter), member 7	Slc22a7 (Oat2, uric acid transporte r)	1451460_A_ AT		+
solute carrier family 22, member 23	Ślc22a23 (Boct2)	1453004_AT		
solute carrier family 23 (nucleobase transporters), member 1	Slc23a1 ascorbic acid transporte r)	1421912_AT		
solute carrier family 26 (sulfate transporter), member 1	SIc26a1 (sulfuriic acid transporte r)	1451239_A_ AT 1458327_X_ AT		
spinster homolog 2 (Drosophila)	Spns2*	1451601_A_ AT		

*: Genes appearing more than two times in the functional groupings.