

Supplementary Information (SI)

Expression and regulation of drug transporters in vertebrate neutrophils

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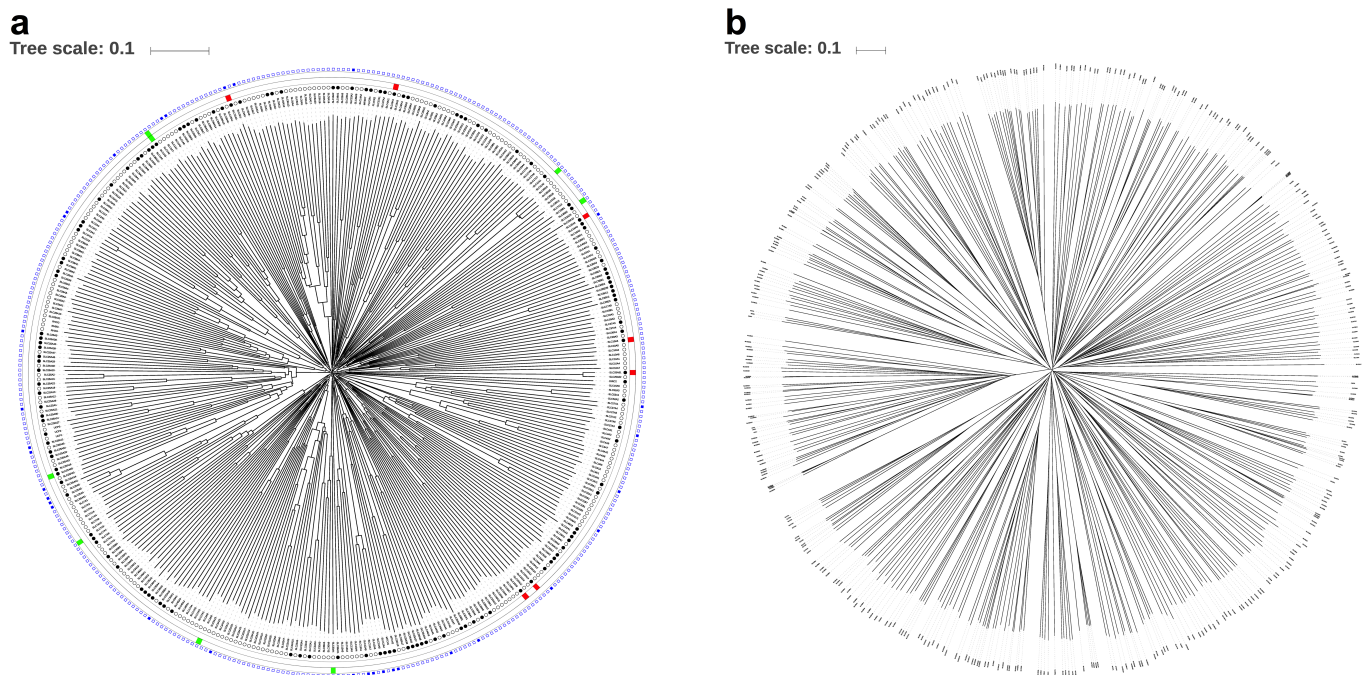
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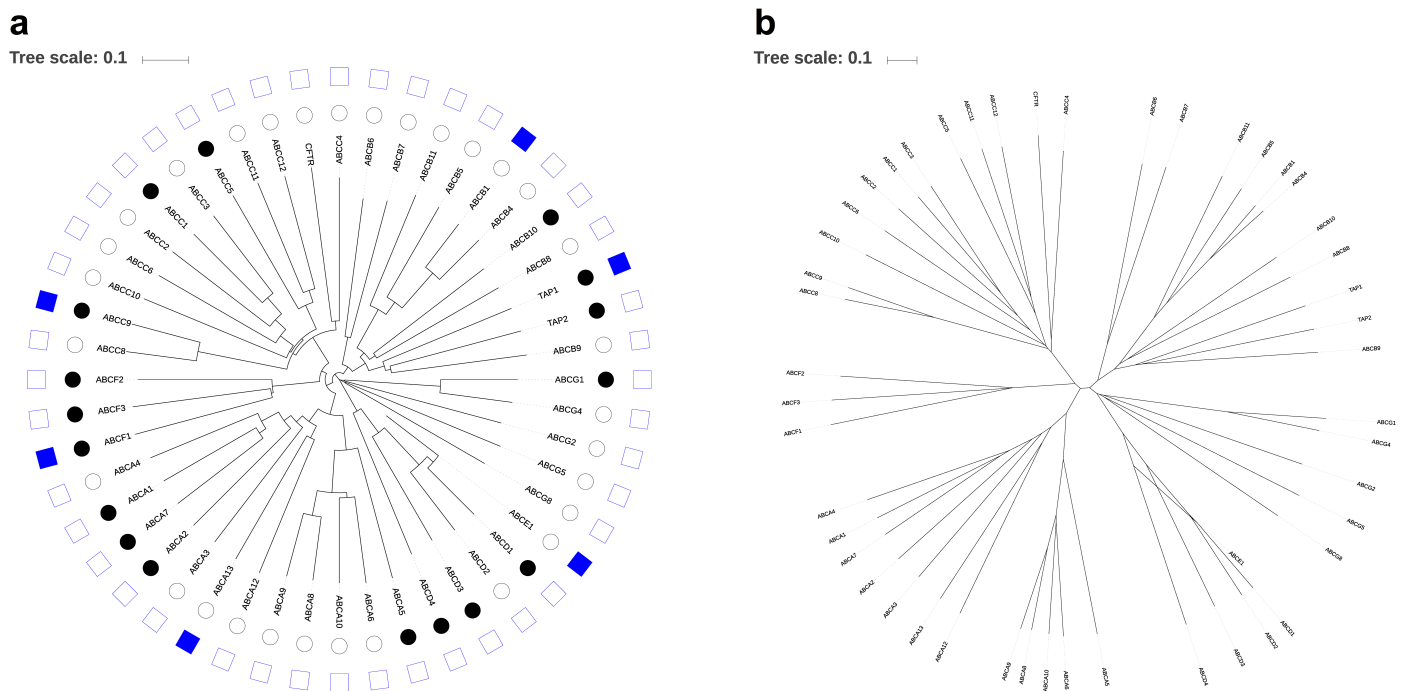
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Supplementary Figure S1. Subsets of SLC transporter proteins are expressed and regulated in primary human neutrophils.



Scalable phylogenetic trees in both **(a)** circular and **(b)** unrooted display modes indicate evolutionary relationships between SLC transporter proteins in humans. Branch lengths are proportional to genetic distance. In **(a)**, for primary human neutrophil expression data (inner circle), expressed proteins are marked with a black dot, whereas proteins not expressed are denoted with a white dot. For GM-CSF (second circle from centre) and TNF α (third circle from centre) regulation data, significant up-regulation of a gene is denoted with a green box, significant down-regulation is denoted by a red box, and a lack of significant change in regulation is unmarked. For human neutrophil proteomics data (outer circle), any proteins identified in one or more of the analyses are denoted with a blue box, and any not identified are denoted with a white box.

Supplementary Figure S2. Subsets of ABC transporter proteins are expressed but not regulated in primary human neutrophils.



Scalable phylogenetic trees in both (a) circular and (b) unrooted display modes indicate evolutionary relationships between ABC transporter proteins in humans. Branch lengths are proportional to genetic distance. In (a), for primary human neutrophil expression data (inner circle), expressed proteins are marked with a black dot, whereas proteins not expressed are denoted with a white dot. For human neutrophil proteomics data (outer circle), any proteins identified in one or more of the analyses are denoted with a blue box, and any not identified are denoted with a white box.

Supplementary Table S3. Expression of SLC transporter proteins is largely consistent across two different datasets.

SLC transporter	Expression (FPKM)	
	Wright <i>et al.</i> , 2013	Chatterjee <i>et al.</i> , 2016
<i>SLC16A3</i>	416.071	206.7938
<i>SLC2A3</i>	384.863	146.301
<i>SLC25A37</i>	365.439	No data
<i>SLC44A2</i>	296.96	305.502
<i>SLC11A1</i>	241.006	375.1498
<i>SLC6A6</i>	174.964	308.898
<i>SLC43A2</i>	142.397	195.5783
<i>SLC15A3</i>	114.121	203.8168
<i>SLC12A6</i>	107.268	86.26105
<i>SLC15A4</i>	101.968	132.1664
<i>SLC38A2</i>	73.4412	51.29513
<i>SLC45A4</i>	62.3642	34.80962
<i>SLC25A3</i>	60.4501	74.8113
<i>SLC31A2</i>	59.4817	107.9547
<i>MTCH1</i>	58.9362	96.06843
<i>SLC19A1</i>	56.8214	50.80168
<i>SLCO3A1</i>	53.1765	134.5328
<i>SLC12A9</i>	52.23	147.5515
<i>SLC40A1</i>	37.6849	166.2416
<i>UCP2</i>	35.2824	77.73278
<i>SLC25A44</i>	33.7158	58.39863
<i>SLC20A1</i>	33.0773	16.14776
<i>SLC9A1</i>	25.9958	31.72053
<i>SLC22A4</i>	24.431	30.64313
<i>SLC25A28</i>	23.1132	26.53685
<i>DIRC2</i>	22.9076	4.079744
<i>SLC39A1</i>	21.6872	24.02363
<i>SLC22A18</i>	21.182	36.2852
<i>SLC38A10</i>	21.1819	30.27238
<i>SLC7A5</i>	20.6468	1.637648
<i>SLC9A8</i>	19.8604	18.75233
<i>SLC25A5</i>	19.6541	35.83148
<i>SLC29A1</i>	17.9369	36.96945
<i>SLC3A2</i>	17.5905	22.47888
<i>SLC25A11</i>	17.5471	25.77163

SLC8B1	16.841	11.64638
SLC7A7	16.7696	31.3496
SLC16A5	14.6446	30.8605
SLC35A2	12.2554	9.707798
SLC8A1	12.0016	10.08038
SLC16A6	11.2322	5.730955
SLC35A4	11.1066	13.25903
SLC39A7	10.6539	34.74275
SLC25A51	10.198	10.5348
SLC35C2	10.005	28.4959
SLC35E1	9.68586	No data
SLC36A1	9.58739	8.930435
SLC10A3	9.23775	11.80692
SLC36A4	9.22429	5.119257
SLC35A5	7.91078	17.37549
SLC39A6	7.26005	7.351105
SLC25A1	7.10385	10.06107
SLC37A3	7.06368	29.04458
SLC48A1	6.77426	8.336738
SLC25A29	6.73623	11.61707
SLC23A2	6.58677	6.764668
SLC22A15	6.44345	17.17855
SLC39A9	6.18562	7.195905
SLC31A1	5.99872	7.739965
SLC2A1	5.77547	3.62349
SLC35B1	5.4807	No data
SLC35E2B	5.37585	14.90033
SLCO4C1	5.25519	6.557368
SLC46A3	5.17528	5.261813
SLC35E3	4.72873	No data
SLC35F5	4.69507	12.34666
SLC26A8	4.56664	3.324936
SLC30A5	4.42129	8.462588
SLC38A1	4.33379	1.82469
SLC19A2	4.02632	0.802967
SLC22A1	3.91727	15.31258
SLC50A1	3.9015	6.878278
SLC35A1	3.80725	No data
SLC18A2	3.7171	1.370494
SLC27A3	3.67019	No data

<i>SLC25A46</i>	3.57248	4.63701
<i>SLC30A9</i>	3.53037	4.27509
<i>SLC17A5</i>	3.49068	3.028465
<i>SLC25A40</i>	3.45767	8.186168
<i>SLC43A3</i>	3.4212	No data
<i>SLC2A14</i>	3.36893	0.906642
<i>FLVCR1</i>	3.3331	11.74628
<i>SLC25A32</i>	3.31725	1.141212
<i>SLC35B3</i>	3.31298	6.968573
<i>SLC12A4</i>	3.29637	No data
<i>SLC35E2</i>	3.24559	14.90033
<i>SLC35B2</i>	3.1499	No data
<i>SLC25A20</i>	3.0388	13.83024
<i>SLC39A3</i>	3.00139	4.865003
<i>SLC25A16</i>	2.88922	2.370293
<i>SLC37A1</i>	2.87833	No data
<i>SLC44A1</i>	2.79355	2.664965
<i>SLC7A6</i>	2.78867	2.361488
<i>SLC39A13</i>	2.78257	4.708685
<i>SLC4A2</i>	2.70562	14.91975
<i>SLC25A45</i>	2.66672	4.06514
<i>SLC30A6</i>	2.55172	3.284525
<i>SLC25A39</i>	2.43246	2.116713
<i>SLC5A9</i>	2.41311	2.3544
<i>SLC25A14</i>	2.27557	4.54853
<i>SLC25A36</i>	2.24725	1.794893
<i>MFS7</i>	2.17705	4.75029
<i>SLC9A6</i>	2.12071	2.086033
<i>SLC12A1</i>	1.97848	11.74522
<i>SLC6A8</i>	1.96133	2.048953
<i>SLC37A2</i>	1.94582	2.08544
<i>SLC30A7</i>	1.90897	7.608707
<i>SLC25A24</i>	1.90318	2.7849
<i>SLC52A2</i>	1.83537	6.545528
<i>SLC30A1</i>	1.65508	2.871723
<i>SLC35C1</i>	1.6161	2.864028
<i>SLC25A33</i>	1.60194	0.085965
<i>SLC35D1</i>	1.57019	0.861985
<i>SLC26A6</i>	1.53617	3.069608
<i>SLC39A8</i>	1.51151	0.808593

SLC24A3	1.49052	0.976179
SLC6A12	1.48353	3.38105
SLC39A11	1.44917	1.204404
SLC35D2	1.43724	3.107213
SLC25A25	1.39899	1.099743
SLC1A4	1.39617	0.302471
SLC25A13	1.38929	1.150665
SLC16A14	1.34748	0.57943
SLC51A	1.32701	No data
SLC25A38	1.32695	1.032691
SLC25A30	1.26993	1.05837
SLC25A22	1.19878	3.907003
SLC5A6	1.17366	1.142233
SLC35A3	1.16899	1.344898
SLC1A5	1.10623	0.933738
MTCH2	1.07897	3.649688
SLC24A4	1.07192	2.226199
SLC25A34	1.04847	1.105145
SLC5A5	1.0317	0.001373
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SLC5A3	0.967574	No data
SLC7A8	0.962858	1.744048
UCP3	0.927209	0.659301
SLC23A1	0.905577	0.376388
SLC4A5	0.891422	0.893974
SLC2A5	0.880448	0.6242
SLC7A11	0.839899	0.126315
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SLC27A4	0.64666	1.151295
SLC16A4	0.646018	0.26843
SLC9A7	0.621709	0.838211
SLC26A11	0.601788	0.602508
SLC4A7	0.592421	0.398962
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SLC10A1	0.582003	0.089458

SLC25A17	0.58162	1.582018
SLC26A2	0.557363	0.367065
SLC37A4	0.545263	1.466712
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SLC15A2	0.494293	No data
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SLC16A13	0.49106	0.266753
SLC9A4	0.472869	0.029917
RHBG	0.454494	0
SLC46A2	0.393315	0.506613
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SLC41A1	0.39035	0.153188
SLCO4A1	0.386293	0.030919
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SLC41A3	0.33136	1.309153
SLC29A3	0.3301	0.613083
SLC28A2	0.319969	0
SLC6A16	0.313818	0.702131
SLC25A53	0.301434	3.752335
SLC25A26	0.300095	0.448138
SLC41A2	0.293223	1.133091
SLC2A6	0.275303	0.812577
SLC2A8	0.273322	0.814157
SLC45A3	0.269156	0.69311
SLC6A20	0.25677	0.06559
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SLC2A4	0.252583	0.003538
SLC3A1	0.249917	0.161592
SLC6A13	0.235715	0.26222
SLC44A4	0.222833	0.025491
SLC43A1	0.220751	0.140674
SLC25A42	0.217023	0.229577
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SLC2A9	0.213474	1.134367
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SLC35F1	0.183551	0
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SLC23A3	0.171536	No data
SLC27A2	0.165621	0.147139
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FLVCR2	0.161085	2.995074
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SLC25A23	0.152735	0.092535
SLC25A27	0.15039	0.499895
SLC25A10	0.148419	1.767058
SLC2A13	0.142042	0.254337
SLC38A5	0.140477	0.244678
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SLC35B4	0.135503	0.133596
SLC16A7	0.133516	0.174023
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SLC14A1	0.120003	0.049875
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SLC9B2	0.117721	No data
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SLC35G2	0.066789	0.004921
SLC30A8	0.064359	0.004751
SLC13A4	0.062869	0.292333
SLC9B1	0.06115	0.013052
SLC28A3	0.057827	0.036177
SLC22A16	0.056745	0.14271
SLC32A1	0.055365	0
SLC16A10	0.055337	0.013955
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SLC24A5	0.055127	0.314604
SLC2A12	0.053854	0.341995
SLC29A2	0.053376	0.038654
SLC25A47	0.049291	0.007801
SLC16A11	0.048024	0
SLC22A23	0.047533	0.146284
SLC25A4	0.047498	0.070657
SLC25A52	0.046697	0.01043
SLC26A1	0.045243	0.203451
SLCO1A2	0.044854	0
SLC4A4	0.044376	0.018906
SLC4A9	0.043369	0.053466
SLC5A11	0.042816	0.009208
SLC6A14	0.040641	0
SLC9A3	0.038749	0.010525
SLC35G1	0.038543	0.138574
SLC1A2	0.038243	0.001444
SLC35G6	0.036646	0
SLC19A3	0.035449	0
SLC27A5	0.03506	0.057876
SLC46A1	0.034287	0.0454
SLC4A10	0.031961	0.010504
SLC29A4	0.031852	0.002375
SLC4A11	0.030189	0.006052
SLC13A1	0.030136	0
SLC13A5	0.028342	0.014783

SLC10A4	0.027983	0.008142
SLC1A3	0.027724	0.080618
SLC16A12	0.027205	0
SLC26A5	0.026607	0
SLC1A7	0.026587	0.053328
SLC35G5	0.026139	0
SLC8A2	0.024413	0.011955
SLC10A5	0.021475	0
SLCO5A1	0.021423	0.01598
SLC9A5	0.017925	0.008151
SLC4A3	0.017676	0.044514
SLC44A3	0.017549	0.089591
SLC38A11	0.017394	0.057391
SLC17A3	0.0168	0
SLC5A2	0.016518	0.188793
SLC34A1	0.014604	0.007438
RHCG	0.014434	0
SLC6A4	0.014124	0.042066
SLC34A3	0.013134	0
SLC6A2	0.012301	0
SLC7A4	0.01204	0
SLC44A5	0.010659	0.004211
SLC24A2	0.009822	0
SLC8A3	0.009751	0.074688
SLC38A3	0.009671	0
SLC36A3	0.009293	0
SLC12A3	0.008825	0.008359
SLC1A1	0.007744	0.014113
SLC12A5	0.006559	0.027903
SLC2A10	0.006494	0.096226
SLC39A5	0.006383	0.008053
SLC16A2	0.006309	0
SLC26A7	0.006272	No data
SLC6A3	0.005945	0.001777
SLC22A7	0.005874	0
SLC9A2	0.004401	0.007815
SLC6A9	0.003785	0
SLC13A3	0.002597	0
SLCO1B7	0	0
SLC22A31	0	No data

<i>SLC26A10</i>	0	No data
<i>SLCO1B1</i>	0	0
<i>SLC25A6</i>	0	17.00073
<i>SLC39A2</i>	0	0.039487
<i>SLC35F3</i>	0	0.032623
<i>SLC35D3</i>	0	0.026302
<i>SLC34A2</i>	0	0.010175
<i>SLC30A2</i>	0	0.009504
<i>SLC27A6</i>	0	0.008934
<i>SLC10A6</i>	0	0.006882
<i>RHAG</i>	0	0.004514
<i>SLC17A7</i>	0	0.004465
<i>SLC22A3</i>	0	0.003755
<i>SLC26A3</i>	0	0.002922
<i>SLC16A9</i>	0	0.002449
<i>SLC52A3</i>	0	0.002154
<i>SLC17A8</i>	0	0.002021
<i>SLCO2B1</i>	0	0.001259
<i>SLC10A2</i>	0	0
<i>SLC13A2</i>	0	0
<i>SLC15A5</i>	0	0
<i>SLC17A1</i>	0	0
<i>SLC17A2</i>	0	0
<i>SLC17A4</i>	0	0
<i>SLC17A6</i>	0	0
<i>SLC18A3</i>	0	0
<i>SLC1A6</i>	0	0
<i>SLC22A10</i>	0	0
<i>SLC22A11</i>	0	0
<i>SLC22A12</i>	0	0
<i>SLC22A2</i>	0	0
<i>SLC22A24</i>	0	0
<i>SLC22A25</i>	0	0
<i>SLC22A6</i>	0	0
<i>SLC22A8</i>	0	0
<i>SLC25A21</i>	0	0
<i>SLC25A31</i>	0	0
<i>SLC25A41</i>	0	0
<i>SLC25A48</i>	0	0
<i>SLC26A9</i>	0	0

SLC2A2	0	0
SLC2A7	0	0
SLC30A10	0	0
SLC30A3	0	0
SLC35F4	0	0
SLC35G3	0	0
SLC38A4	0	0
SLC38A8	0	0
SLC39A12	0	0
SLC47A2	0	0
SLC51B	0	0
SLC5A1	0	0
SLC5A12	0	0
SLC5A4	0	0
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SLC9C2	0	0
SLCO1B3	0	0
SLCO1C1	0	0
SLCO2A1	0	0
SLCO6A1	0	0
UCP1	0	0

The table shows all human SLC transporter genes and their expression values (given as FPKM values) as found in datasets from Wright *et al.* and Chatterjee *et al.*^{21,33}. Entries are given as the mean of replicate values, in descending order of expression according to the dataset by Wright *et al.*. Any genes which could not be identified in the dataset by Chatterjee *et al.* are labelled as 'No data'.

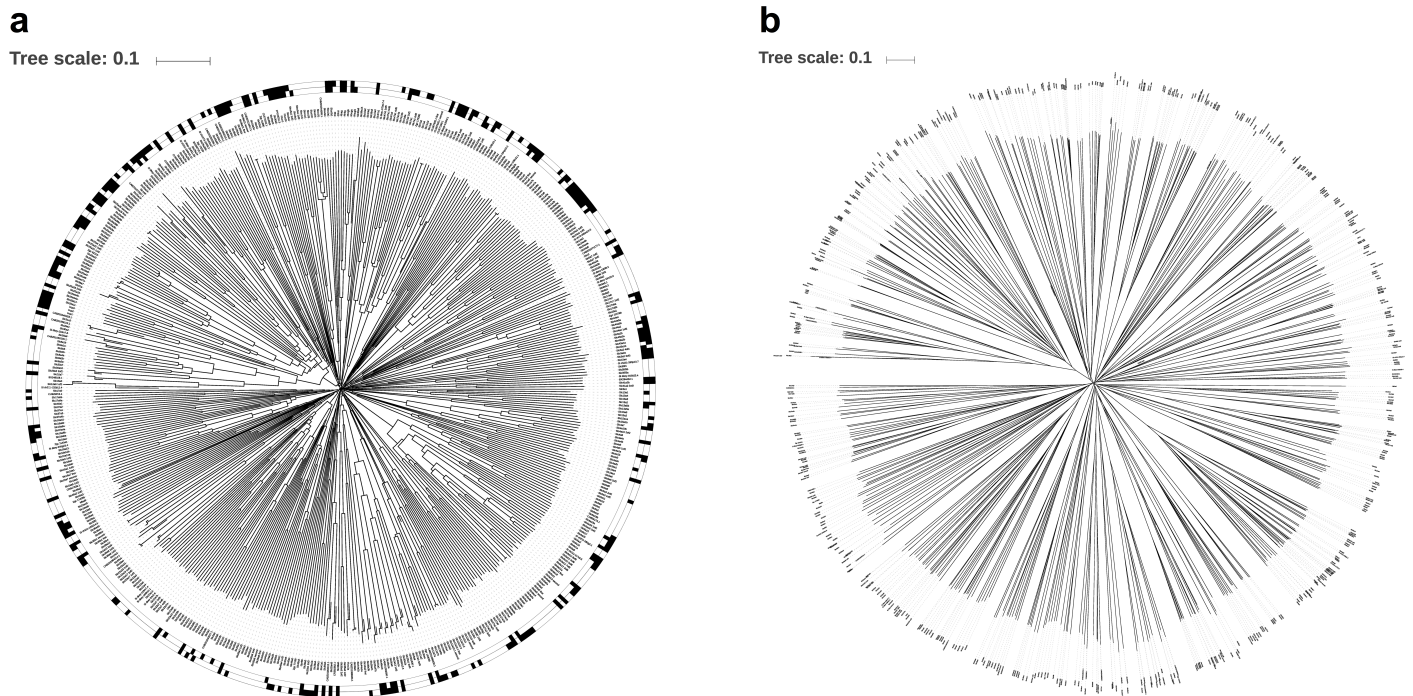
Supplementary Table S4. Expression of ABC transporter proteins is largely consistent across two different datasets.

ABC transporter	Expression (FPKM)	
	Wright <i>et al.</i> , 2013	Chatterjee <i>et al.</i> , 2016
<i>TAP1</i>	143.682	456.3108
<i>TAP2</i>	51.0473	132.7189
<i>ABCA7</i>	37.334	178.8746
<i>ABCG1</i>	25.6516	No data
<i>ABCA1</i>	17.5845	11.97111
<i>ABCC5</i>	12.5493	16.24293
<i>ABCD1</i>	7.27776	9.552486
<i>ABCF1</i>	7.27122	5.90886
<i>ABCA2</i>	7.15235	18.60513
<i>ABCC1</i>	6.83516	8.063192
<i>ABCF3</i>	4.72307	14.26925
<i>ABCC9</i>	2.21629	0
<i>ABCD3</i>	1.59239	1.14281
<i>ABCF2</i>	1.21202	1.350599
<i>ABCA5</i>	1.18218	1.080757
<i>ABCD4</i>	1.11062	7.700425
<i>ABCB10</i>	1.00666	1.87598
<i>ABCC6</i>	0.970651	2.83314
<i>ABCC10</i>	0.940023	4.91765
<i>ABCB7</i>	0.927628	1.25014
<i>ABCC2</i>	0.839153	17.38025
<i>ABCE1</i>	0.599287	0.6684927
<i>ABCB5</i>	0.53339	0.00458515
<i>ABCB6</i>	0.367747	20.8678
<i>ABCB1</i>	0.319107	0.2100675
<i>ABCB8</i>	0.313178	1.246972
<i>ABCA13</i>	0.291386	0.4219312
<i>ABCC4</i>	0.218874	0.505737
<i>ABCA9</i>	0.139689	0.03220053
<i>ABCB9</i>	0.0938531	0.05274925
<i>ABCB11</i>	0.0664028	0.02136092
<i>ABCC3</i>	0.0612735	2.804117

<i>ABCA3</i>	0.0505832	0.05429485
<i>ABCD2</i>	0.0494921	0.02637948
<i>ABCA10</i>	0.0291777	1.080757
<i>ABCG2</i>	0.026239	0.000778308
<i>ABCB4</i>	0.014383	0.2529438
<i>ABCC11</i>	0.0118731	0.00540443
<i>ABCA6</i>	0.0101404	0.01867935
<i>ABCA4</i>	0.00612525	0.009292483
<i>ABCA12</i>	0	0
<i>ABCA8</i>	0	0
<i>ABCC12</i>	0	0.001889568
<i>ABCC8</i>	0	0
<i>ABCG4</i>	0	0.001287225
<i>ABCG5</i>	0	0
<i>ABCG8</i>	0	0
<i>CFTR</i>	0	0

The table shows all human SLC transporter genes and their expression values (given as FPKM values) as found in datasets from Wright *et al.* and Chatterjee *et al.*^{21,33}. Entries are given as the mean of replicate values, in descending order of expression according to the dataset by Wright *et al.*. Any genes which could not be identified in the dataset by Chatterjee *et al.* are labelled as 'No data'.

Supplementary Figure S5. Zebrafish neutrophils and non-neutrophil cells express distinct subsets of SLC transporter proteins.

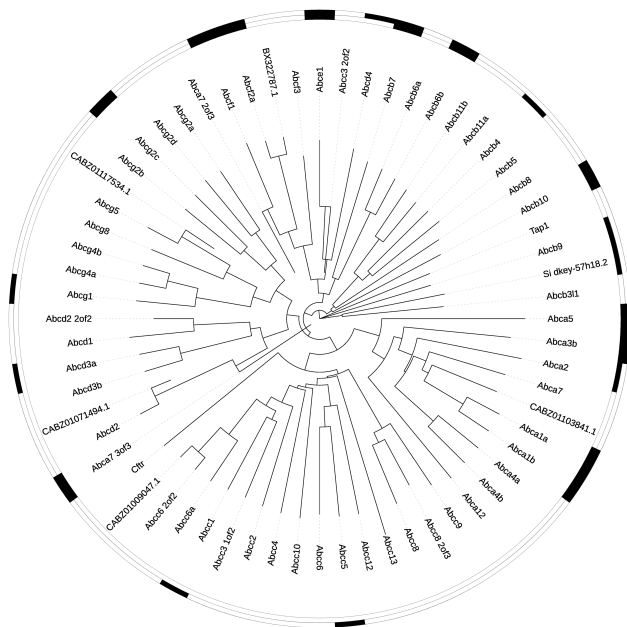


Scalable phylogenetic trees in both (a) circular and (b) unrooted display modes indicate evolutionary relationships between SLC transporter proteins in zebrafish. Branch lengths are proportional to genetic distance. In (a), for both neutrophil (inner circle) and background cell (outer circle) expression data, expressed proteins are marked with a black box, whereas proteins not expressed are unmarked

Supplementary Figure S6. Zebrafish neutrophils and non-neutrophil cells express distinct subsets of ABC transporter proteins.

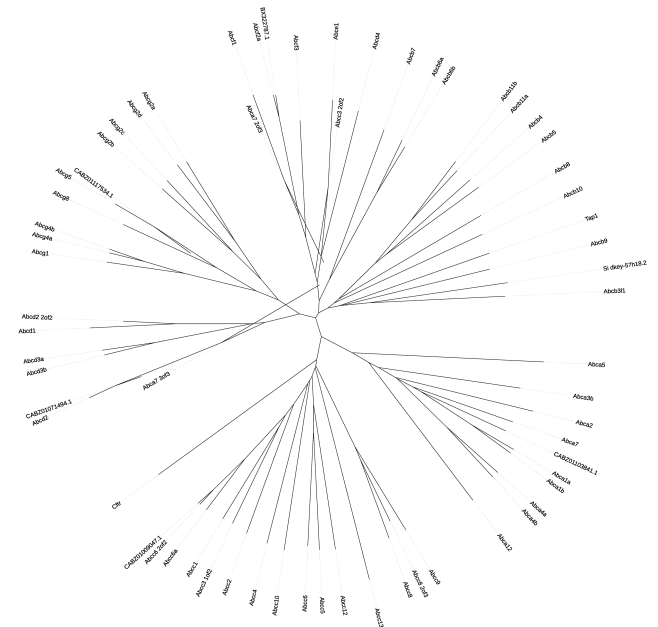
a

Tree scale: 0.1



b

Tree scale: 0.1



Scalable phylogenetic trees in both (a) circular and (b) unrooted display modes indicate evolutionary relationships between ABC transporter proteins in zebrafish. Branch lengths are proportional to genetic distance. In (a), for both neutrophil (inner circle) and background cell (outer circle) expression data, expressed proteins are marked with a black box, whereas proteins not expressed are unmarked.

Supplementary Table S7. A subset of SLC drug transporters are expressed in both human and zebrafish neutrophils.

Human gene	Zebrafish orthologue gene(s)
<i>DIRC2</i>	<i>dirc2</i>
<i>FLVCR1</i>	<i>flvcr1</i>
<i>MTCH2</i>	<i>mtch2</i>
<i>SLC10A3</i>	<i>slc10a3</i>
<i>SLC12A9</i>	<i>slc12a9</i>
<i>SLC15A4</i>	<i>slc15a4</i>
<i>SLC16A3</i>	<i>slc16a3</i>
<i>SLC16A6</i>	<i>slc16a6b</i>
<i>SLC19A1</i>	<i>slc19a1</i>
<i>SLC1A4</i>	<i>slc1a4</i>
<i>SLC20A1</i>	<i>slc20a1b</i>
<i>SLC22A15</i>	<i>slc22a15_1of2</i>
<i>SLC22A18</i>	<i>slc22a18</i>
<i>SLC25A1</i>	<i>slc25a1a</i>
<i>SLC25A11</i>	<i>slc25a11</i>
<i>SLC25A14</i>	<i>slc25a14</i>
<i>SLC25A20</i>	<i>slc25a20</i>
<i>SLC25A22</i>	<i>slc25a22</i>
<i>SLC25A24</i>	<i>slc25a24</i>
<i>SLC25A25</i>	<i>slc25a25a</i>
<i>SLC25A28</i>	<i>slc25a28_first</i>
<i>SLC25A3</i>	<i>slc25a3b</i>
<i>SLC25A32</i>	<i>slc25a32a</i>
<i>SLC25A33</i>	<i>slc25a33</i>
<i>SLC25A36</i>	<i>slc25a36a; slc25a36b</i>
<i>SLC25A39</i>	<i>slc25a39</i>
<i>SLC25A40</i>	<i>slc25a40</i>
<i>SLC25A44</i>	<i>slc25a44b</i>
<i>SLC25A46</i>	<i>slc25a46</i>
<i>SLC25A5</i>	<i>slc25a5</i>
<i>SLC27A3</i>	<i>slc27a3</i>
<i>SLC2A1</i>	<i>slc2a1b</i>

<i>SLC2A3</i>	<i>slc2a3b</i>
<i>SLC30A1</i>	<i>slc30a1a</i>
<i>SLC30A5</i>	<i>slc30a5</i>
<i>SLC30A7</i>	<i>slc30a7</i>
<i>SLC30A9</i>	<i>slc30a9</i>
<i>SLC31A1</i>	<i>slc31a1</i>
<i>SLC31A2</i>	<i>slc31a2</i>
<i>SLC35A2</i>	<i>slc35a2</i>
<i>SLC35C1</i>	<i>slc35c1</i>
<i>SLC35D1</i>	<i>slc35d1a</i>
<i>SLC35D2</i>	<i>slc35d2</i>
<i>SLC35E1</i>	<i>slc35e1</i>
<i>SLC35E3</i>	<i>slc35e3</i>
<i>SLC36A1</i>	<i>slc36a1</i>
<i>SLC37A2</i>	<i>slc37a2</i>
<i>SLC38A2</i>	<i>slc38a2</i>
<i>SLC39A6</i>	<i>slc39a6</i>
<i>SLC39A7</i>	<i>slc39a7</i>
<i>SLC3A2</i>	<i>slc3a2a; slc3a2b;</i>
<i>SLC40A1</i>	<i>slc40a1</i>
<i>SLC43A2</i>	<i>slc43a2a; slc43a2b</i>
<i>SLC43A3</i>	<i>slc43a3b</i>
<i>SLC44A2</i>	<i>slc44a2</i>
<i>SLC48A1</i>	<i>slc48a1a; slc48a1b</i>
<i>SLC4A2</i>	<i>slc4a2b</i>
<i>SLC51A</i>	<i>slc51a</i>
<i>SLC6A6</i>	<i>slc6a6a</i>
<i>SLC7A5</i>	<i>slc7a5</i>
<i>SLC7A7</i>	<i>slc7a7</i>
<i>SLC8B1</i>	<i>FP103011.3</i>
<i>SLC9A8</i>	<i>slc9a8</i>
<i>SLCO3A1</i>	<i>slco3a1</i>
<i>UCP2</i>	<i>ucp2</i>

The list shows all SLC drug transporter genes which we found both to be expressed in primary human neutrophils, and which also had at least one corresponding zebrafish orthologue (shown here alongside the relevant human gene) expressed in zebrafish neutrophils.

Supplementary Table S8. A subset of ABC drug transporters are expressed in both human and zebrafish neutrophils.

Human gene	Zebrafish orthologue gene(s)
<i>ABCA1</i>	<i>abca1a; abca1b</i>
<i>ABCA2</i>	<i>abca2</i>
<i>ABCA5</i>	<i>abca5</i>
<i>ABCA7</i>	<i>abca7_3of3</i>
<i>ABCB10</i>	<i>abcb10</i>
<i>ABCF1</i>	<i>abcf1</i>
<i>ABCF2</i>	<i>abcf2a</i>
<i>TAP2</i>	<i>si:dkey-57h18.2</i>

The list shows all ABC drug transporter genes which we found both to be expressed in primary human neutrophils, and which also had at least one corresponding zebrafish orthologue (shown here alongside the relevant human gene) expressed in zebrafish neutrophils.