

**Table S3.** 39 significantly differentially regulated mRNAs comparing AKI and PGF allografts after baseline adjustment

Probe Set ID	Gene Symbol	raw p-value	Fold change	Gene Description <b>bold.....molecular features discussed as biomarker candidates of AKI</b>
16919547	SLPI	1.20E-03	15.17	secretory leukocyte peptidase inhibitor
17051827	AKR1B10	5.50E-03	11.26	aldo-keto reductase family 1, member B10 (aldose reductase)
16775083	OLFM4	2.98E-03	7.88	olfactomedin 4
16787902	SERPINA3	2.91E-03	7.03	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3
16827679	NQO1	8.28E-03	4.08	NAD(P)H dehydrogenase, quinone 1
<b>16743647</b>	<b>MMP7</b>	<b>1.54E-02</b>	<b>4.06</b>	<b>matrix metalloproteinase 7 (matrilysin, uterine)</b>
<b>17118303</b>	<b>COL1A2</b>	<b>6.93E-03</b>	<b>3.40</b>	<b>collagen, type I, alpha 2</b>
16760792	CD163	1.69E-02	3.12	CD163 molecule
<b>16693414</b>	<b>S100A8</b>	<b>1.66E-02</b>	<b>3.09</b>	<b>S100 calcium binding protein A8</b>
17021437	CGA	1.18E-02	2.91	glycoprotein hormones, alpha polypeptide
16781606	ECRP	5.51E-04	2.42	ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) pseudogene
17000641	ECSCR	1.34E-02	2.40	endothelial cell surface expressed chemotaxis and apoptosis regulator
16735751	LYVE1	2.09E-03	2.28	lymphatic vessel endothelial hyaluronan receptor 1
<b>17089525</b>	<b>LCN2</b>	<b>8.81E-03</b>	<b>2.28</b>	<b>lipocalin 2</b>
16760928	CLEC4E	1.15E-02	1.95	C-type lectin domain family 4, member E
16948021	ECT2	9.37E-03	1.93	epithelial cell transforming sequence 2 oncogene
16969439	ARHGEF38	5.56E-03	1.90	Rho guanine nucleotide exchange factor (GEF) 38
17110322	EFHC2	6.80E-03	1.88	EF-hand domain (C-terminal) containing 2
16994434	DNAH5	5.58E-04	1.81	dynein, axonemal, heavy chain 5
17118666	RABGGTB	1.21E-02	1.79	Rab geranylgeranyltransferase, beta subunit
16707503	EXOC6	1.88E-03	1.78	exocyst complex component 6
17024144	IFNGR1	7.64E-03	1.77	interferon gamma receptor 1
16851397	RBBP8	1.30E-03	1.76	retinoblastoma binding protein 8
16984689	ITGA2	8.27E-04	1.74	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)
16943336	TMEM45A	2.43E-03	1.71	transmembrane protein 45A

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16909828	COL6A3	1.03E-02	1.70	collagen, type VI, alpha 3
16745366	THY1	1.19E-03	0.57	Thy-1 cell surface antigen
17087615	LPPR1	3.00E-03	0.57	lipid phosphate phosphatase-related protein type 1
16991527	CYFIP2	2.80E-03	0.52	cytoplasmic FMR1 interacting protein 2
16695262	KCNJ10	3.00E-04	0.52	potassium inwardly-rectifying channel, subfamily J, member 10
17101262	ARSF	3.30E-03	0.47	arylsulfatase F
17094946	TRPM6	2.19E-03	0.45	transient receptor potential cation channel, subfamily M, member 6
17072059	SLC30A8	4.78E-03	0.45	solute carrier family 30 (zinc transporter), member 8
16773086	FGF9	8.50E-04	0.45	fibroblast growth factor 9 (glia-activating factor)
16835738	PPP1R9B	3.32E-03	0.43	protein phosphatase 1, regulatory subunit 9B
16934643	PVALB	2.75E-03	0.42	parvalbumin
<b>16773919</b>	<b>KL</b>	<b>4.92E-03</b>	<b>0.42</b>	<b>klotho</b>
17007950	PNPLA1	1.10E-03	0.36	patatin-like phospholipase domain containing 1
16962671	TMEM207	9.31E-04	0.33	transmembrane protein 207