

Appendix 1. Summary of microarray analysis of retina–RPE–choroids during recovery from myopia.

<b>Genes Upregulated Following 1 Day of Recovery</b>			
<b>Chicken clone</b>	<b>Accession Number</b>	<b>Gene Name</b>	<b>Fold Change</b>
Pgn1c.pk003.f3	<a href="#">M94894.1</a>	Avian Thymic Hormone, parvalbumin (PVAB) gallus gallus	12.284
<b>Genes Upregulated Following 4 Days of Recovery</b>			
<b>Chicken clone</b>	<b>Accession Number</b>	<b>Gene Name</b>	<b>Fold Change</b>
Pgn1c.pk003.m14	<a href="#">X02009.1</a>	Ovotransferrin (conalbumin), Gallus gallus	6.067
Pat.pk0029.h4.f	<a href="#">X02009.1</a>	Ovotransferrin (conalbumin), Gallus gallus	4.848
Pat.pk0013.d12	<a href="#">J05077.1</a>	Cystatin precursor, Gallus gallus	2.49
<b>Genes Downregulated Following 4 Days of Recovery</b>			
<b>Chicken clone</b>	<b>Accession Number</b>	<b>Gene Name</b>	<b>Fold Change</b>
Pat.pk0035.g9.f	<a href="#">M805580.1</a>	CH21 marker protein, Gallus gallus	–3.663
Pgn1c.pk001.b22	<a href="#">NM 014795.2</a>	zinc finger homeobox 1b (ZFHX1B), Homo sapiens	–3.505
Pgn1c.pk001.k16	<a href="#">L13234.1</a>	Jun-binding protein, 3' end, Gallus gallus	–3.056
DT40subNB_1F10	<a href="#">NM 204987.1</a>	Ribosomal protein, large P0 (RPLP0) Gallus gallus	–3.029
DT40subNB_3A2	<a href="#">NM 204305.1</a>	GAPDH, Gallus gallus	–3.029
DT40subNB_9C10	<a href="#">NM 204305.1</a>	GAPDH	–2.982
Pat.pk0079.d3.f	<a href="#">V00407.1</a>	GAPDH	–2.949
DT40subNB_11C1	<a href="#">NM 204305.1</a>	GAPDH	–2.949

DT40subNB_17D11	<a href="#">NM 204305.1</a>	GAPDH	-2.901
DT40subNB_8C9	<a href="#">NM 204305.1</a>	GAPDH	-2.87
DT40subNB_9D5	<a href="#">NM 204305.1</a>	GAPDH	-2.869
Pgn1c.pk001p17	<a href="#">X63797.1</a>	Decorin	-2.868
		G.domesticus	
DT40subNB_7B2	<a href="#">NM 204305.1</a>	GAPDH	-2.848
DT40subNB_3G7	<a href="#">NM 204987.1</a>	Ribosomal protein, large PO (RPLP0) Gallus gallus	-2.816
DT40subNB_6H1	<a href="#">NM 204305.1</a>	GAPDH	-2.73
DT40subNB_12E9	<a href="#">L28704</a>	Acidic ribosomal phosphoprotein	-2.71
DT40subNB_12E9	<a href="#">NM 204987.1</a>	Chicken acidic ribosomal phosphoprotein	-2.71
DT40subNB_7G1	<a href="#">NM 204305.1</a>	GAPDH	-2.71
DT40subNB_6A3	<a href="#">NM 204305.1</a>	GAPDH	-2.703
DT40subNB_14D7	<a href="#">NM 204305.1</a>	GAPDH	-2.699
DT40subNB_9C1	<a href="#">NM 204305.1</a>	GAPDH	-2.684
Pat.pk0069.d6.f	<a href="#">NM 011206.1</a>	Protein tyrosine phosphatase non- receptor type 8 (Ptpn18), <i>Mus musculus</i>	-2.665
Pat.pk0002.fl1	<a href="#">L13234.1</a>	Jun-binding protein, 3' end, Gallus gallus	-2.643
DT40subNB_9C6	<a href="#">NM 204305.1</a>	GAPDH	-2.628
Pat.pk0079.d2.f	<a href="#">XM 346626.1</a>	Tropomyosin 3 gamma (Tpm3 mRNA	-2.626
		Rattus norvegicus	
DKFZ426_18A17	<a href="#">NC_000083.5</a>	3-phosphoinositide dependent protien kinase 1,	-2.606
DT40subNB_12E8	<a href="#">NM_205003</a> <a href="#">XM_429266</a>	Heat shock cognate 70 kDa	-2.598