

Appendix 1: HEI Retina case IDs, including sample tube ID, strain, age, sex, and source of mice

Index	Sample ID	Strain	Age	Sex	Source of Animal
1	121608_11-C57BL/6JcFA	C57BL/6J	69	F	JAX
2	121608_12-C57BL/6JcFB	C57BL/6J	69	F	JAX
3	KA7444-C57BL/6JcMC	C57BL/6J	97	M	UTHSC RW
4	KA7444-C57BL/6JcMD	C57BL/6J	97	M	UTHSC RW
5	31209.05-DBA2JcFA	DBA2J	75	F	UTHSC RW
6	31209.05-DBA2JcFB	DBA2J	75	F	UTHSC RW
7	121608_13-DBA/2JcMA	DBA/2J	89	M	UTHSC RW
8	121608_14-DBA/2JcMB	DBA/2J	89	M	UTHSC RW
9	KA7446-B6D2F1cFA	B6D2F1	92	F	UTHSC RW
10	KA7446-B6D2F1cFB	B6D2F1	92	F	UTHSC RW
11	KA7446-B6D2F1cMC	B6D2F1	92	M	UTHSC RW
12	KA7446-B6D2F1cMD	B6D2F1	92	M	UTHSC RW
13	KA7466-D2B6F1cFA	D2B6F1	70	F	UTHSC RW
14	KA7466-D2B6F1cFB	D2B6F1	70	F	UTHSC RW
15	KA7466-D2B6F1cMC	D2B6F1	70	M	UTHSC RW
16	KA7466-D2B6F1cMD	D2B6F1	70	M	UTHSC RW
17	82609.13-1cFA	BXD01	62	F	JAX
18	82609.14-1cFB	BXD01	62	F	JAX
19	KA7389-1cFA	BXD01	51	F	UTHSC RW
20	KA7389-1cFB	BXD01	51	F	UTHSC RW
21	KA7389-1cMC	BXD01	51	M	UTHSC RW
22	KA7389-1cMD	BXD01	51	M	UTHSC RW
23	KA7300-2cFA	BXD02	75	F	UTHSC RW
24	KA7300-2cFB	BXD02	75	F	UTHSC RW
25	100909.01-2cMA	BXD02	65	M	JAX
26	100909.02-2cMB	BXD02	65	M	JAX
27	KA6699-5cFA	BXD05	62	F	UTHSC RW
28	KA6699-5cFB	BXD05	62	F	UTHSC RW
29	KA6699-5cFC	BXD05	62	F	UTHSC RW
30	KA6699-5cFD	BXD05	62	F	UTHSC RW
31	82609.09-5cMA	BXD05	60	M	JAX
32	82609.1-5cMB	BXD05	60	M	JAX
33	KA6763-6cFA	BXD06	48	F	UTHSC RW
34	KA6763-6cFB	BXD06	48	F	UTHSC RW
35	81209.06-6cMA	BXD06	69	M	VAMC
36	81209.07-6cMB	BXD06	69	M	VAMC
37	82609.07-8cFA	BXD08	68	F	JAX
38	82609.08-8cFB	BXD08	68	F	JAX
39	JAX-8cMA	BXD08	76	M	JAX
40	JAX-8cMB	BXD08	76	M	JAX
41	KA7289-9cFA	BXD09	87	F	UTHSC RW
42	KA7289-9cFB	BXD09	87	F	UTHSC RW
43	KA7289-9cMC	BXD09	87	M	UTHSC RW

44	KA7289-9cMD	BXD09	87	M	UTHSC RW
45	JAX-11cFA	BXD11	84	F	JAX
46	JAX-11cFB	BXD11	84	F	JAX
47	JAX-11cMC	BXD11	71	M	JAX
48	JAX-11cMD	BXD11	71	M	JAX
49	40209.07-12cFA	BXD12	65	F	VAMC
50	40209.08-12cFB	BXD12	65	F	VAMC
51	011309.01-12cMA	BXD12	65	M	UTHSC RW
52	011309.02-12cMB	BXD12	65	M	UTHSC RW
53	KA7286-13cFA	BXD13	89	F	UTHSC RW
54	KA7286-13cFB	BXD13	89	F	UTHSC RW
55	KA7286-13cMC	BXD13	89	M	UTHSC RW
56	KA7286-13cMD	BXD13	89	M	UTHSC RW
57	KA7302-14cFA	BXD14	73	F	UTHSC RW
58	KA7302-14cFB	BXD14	73	F	UTHSC RW
59	100909.05-14cMA	BXD14	66	M	JAX
60	100909.06-14cMB	BXD14	66	M	JAX
61	KA7288-15cFA	BXD15	89	F	UTHSC RW
62	KA7288-15cFB	BXD15	89	F	UTHSC RW
63	KA7288-15cMC	BXD15	89	M	UTHSC RW
64	KA7288-15cMD	BXD15	89	M	UTHSC RW
65	062509.01-16cFA	BXD16	68	F	UTHSC RW
66	KA7267-16cMA	BXD16	91	M	UTHSC RW
67	KA7267-16cMB	BXD16	91	M	UTHSC RW
68	KA6686-18cFB	BXD18	65	F	UTHSC RW
69	KA6686-18cFC	BXD18	65	F	UTHSC RW
70	KA6686-18cME	BXD18	65	M	UTHSC RW
71	KA6686-18cMF	BXD18	65	M	UTHSC RW
72	KA6676-19cFB	BXD19	63	F	UTHSC RW
73	KA6676-19cFC	BXD19	63	F	UTHSC RW
74	KA6676-19cME	BXD19	63	M	UTHSC RW
75	KA6676-19cMF	BXD19	63	M	UTHSC RW
76	060409.05-20cFA	BXD20	67	F	UTHSC RW
77	060409.06-20cFB	BXD20	67	F	UTHSC RW
78	021909.03-20cMA	BXD20	64	M	UTHSC RW
79	021909.04-20cMB	BXD20	64	M	UTHSC RW
80	82609.02-21cFC	BXD21	65	F	JAX
81	82609.03-21cFD	BXD21	65	F	JAX
82	121709.01-21cMA	BXD21	80	M	JAX
83	121709.02-21cMB	BXD21	80	M	JAX
84	121709.03-22cFA	BXD22	62	F	JAX
85	121709.04-22cFB	BXD22	62	F	JAX
86	092308_03-22cMA	BXD22	118	M	UTHSC RW
87	092308_04-22cMB	BXD22	118	M	UTHSC RW
88	80409.01-24AcFA	BXD24A	72	F	UTHSC RW
89	080409_02_24AcFB	BXD24A	72	F	UTHSC RW
90	82609.26-24AcFC	BXD24A	64	F	UTHSC RW
91	81209.03-24AcMC	BXD24A	62	M	UTHSC RW
92	KA6678-24cFA	BXD24	62	F	UTHSC RW
93	KA6678-24cFB	BXD24	62	F	UTHSC RW

94	KA6678-24cME	BXD24	62	M	UTHSC RW
95	KA6678-24cMF	BXD24	62	M	UTHSC RW
96	060409.07-27cFA	BXD27	63	F	UTHSC RW
97	060409.08-27cFB	BXD27	63	F	UTHSC RW
98	80409.03-27cMA	BXD27	74	M	UTHSC RW
99	80409.04-27cMB	BXD27	74	M	UTHSC RW
100	JAX-28cFA	BXD28	67	F	JAX
101	JAX-28cFB	BXD28	67	F	JAX
102	JAX-28cMC	BXD28	67	M	JAX
103	JAX-28cMD	BXD28	67	M	JAX
104	82609.11-29cFA	BXD29	66	F	JAX
105	82609.12-29cFB	BXD29	66	F	JAX
106	82609.04-29cMA	BXD29	66	M	JAX
107	82609.05-29cMB	BXD29	66	M	JAX
108	JAX-31cMB	BXD31	56	M	JAX
109	JAX-31cFC	BXD31	69	F	JAX
110	JAX-31cFD	BXD31	69	F	JAX
111	011309.03-32cFA	BXD32	62	F	UTHSC RW
112	011309.04-32cFB	BXD32	62	F	UTHSC RW
113	KA7318-32cFC	BXD32	71	F	UTHSC RW
114	KA7319-32cMA	BXD32	74	M	UTHSC RW
115	KA7319-32cMB	BXD32	74	M	UTHSC RW
116	100909.07-33cFA	BXD33	65	F	JAX
117	100909.08-33cFB	BXD33	65	F	JAX
118	022609.01-33cMA	BXD33	92	M	UTHSC RW
119	022609.02-33cMB	BXD33	92	M	UTHSC RW
120	KA7416-34cFA	BXD34	97	F	UTHSC RW
121	KA7416-34cFB	BXD34	97	F	UTHSC RW
122	KA6321-34cMA	BXD34	66	M	UTHSC RW
123	KA6321-34cMB	BXD34	66	M	UTHSC RW
124	060409.01-36cFA	BXD36	63	F	UTHSC RW
125	060409.02-36cFB	BXD36	63	F	UTHSC RW
126	060409.03-36cMC	BXD36	63	M	UTHSC RW
127	KA6702-38cFA	BXD38	63	F	UTHSC RW
128	KA6702-38cFB	BXD38	63	F	UTHSC RW
129	82609.24-38cFA	BXD38	85	F	UTHSC RW
130	82609.25-38cFB	BXD38	85	F	UTHSC RW
131	100909.03-38cMA	BXD38	61	M	JAX
132	100909.04-38cMB	BXD38	61	M	JAX
133	022609.05-39cFA	BXD39	65	F	UTHSC RW
134	022609.06-39cFB	BXD39	65	F	UTHSC RW
135	31209.01-39cMC	BXD39	67	M	UTHSC RW
136	92409.01-40cFA	BXD40	64	F	UTHSC RW
137	92409.02-40cFB	BXD40	64	F	UTHSC RW
138	KA6173-40cMA	BXD40	59	M	UTHSC RW
139	KA6173-40cMB	BXD40	59	M	UTHSC RW
140	KA6173-40cMC	BXD40	59	M	UTHSC RW
141	091809.01-42cFA	BXD42	73	F	UTHSC RW
142	091809.02-42cFB	BXD42	73	F	UTHSC RW
143	021909.01-42cFA	BXD42	89	F	UTHSC RW

144	011309.06-42cMA	BXD42	67	M	UTHSC RW
145	011309.07-42cMB	BXD42	67	M	UTHSC RW
146	110408_02-43cFA	BXD43	61	F	UTHSC RW
147	110408_03-43cFB	BXD43	61	F	UTHSC RW
148	KA6158-43cMA	BXD43	66	M	UTHSC RW
149	KA6158-43cMB	BXD43	66	M	UTHSC RW
150	100308_01-44cFA	BXD44	67	F	UTHSC RW
151	102208_02-44cMD	BXD44	64	M	UTHSC RW
152	103009.03-45cFA	BXD45	68	F	UTHSC RW
153	103009.04-45cFB	BXD45	68	F	UTHSC RW
154	022609.03-45cFA	BXD45	78	F	UTHSC RW
155	022609.04-45cFB	BXD45	78	F	UTHSC RW
156	40309.05-45cMB	BXD45	65	M	UTHSC RW
157	40209.05-48cFB	BXD48	58	F	VAMC
158	40209.06-48cFC	BXD48	58	F	VAMC
159	81209.04-48cMA	BXD48	82	M	UTHSC RW
160	81209.05-48cMB	BXD48	82	M	UTHSC RW
161	81209.08-49cFA	BXD49	70	F	VAMC
162	81209.09-49cFB	BXD49	70	F	VAMC
163	40209.01-49cMA	BXD49	87	M	VAMC
164	40209.02-49cMB	BXD49	87	M	VAMC
165	40209.03-49cMC	BXD49	87	M	VAMC
166	KA737850cFA	BXD50	50	F	UTHSC RW
167	KA737850cFB	BXD50	50	F	UTHSC RW
168	121908_01-50cMA	BXD50	49	M	UTHSC RW
169	121908_02-50cMB	BXD50	49	M	UTHSC RW
170	111208_01-51cFA	BXD51	99	F	UTHSC RW
171	102208_03-51cMA	BXD51	56	M	UTHSC RW
172	102208_04-51cMB	BXD51	56	M	UTHSC RW
173	090208_14-53BcFA	BXD53B	93	F	UTHSC RW
174	090208_15-53BcFB	BXD53B	93	F	UTHSC RW
175	090208_16-53BcMC	BXD53B	93	M	UTHSC RW
176	090208_17-53BcMD	BXD53B	93	M	UTHSC RW
177	111208_05-55cFB	BXD55	70	F	UTHSC RW
178	KA6183-55cMA	BXD55	63	M	UTHSC RW
179	KA6183-55cMB	BXD55	63	M	UTHSC RW
180	KA7362-56cFB	BXD56	54	F	UTHSC RW
181	KA6088-56cMA	BXD56	87	M	UTHSC RW
182	KA6088-56cMB	BXD56	87	M	UTHSC RW
183	KA6088-56cMC	BXD56	87	M	UTHSC RW
184	21810.01-60RFA	BXD60	67	F	UTHSC RW
185	21810.02-60RFB	BXD60	67	F	UTHSC RW
186	21810.02-60RFC	BXD60	67	F	UTHSC RW
187	SQ7325-60cMA	BXD60	85	M	UTHSC RW
188	SQ7325-60cMB	BXD60	85	M	UTHSC RW
189	092308_10-61cFA	BXD61	110	F	UTHSC RW
190	092308_11-61cFB	BXD61	110	F	UTHSC RW
191	31909.01-61cMA	BXD61	67	M	UTHSC RW
192	31909.02-61cMB	BXD61	67	M	UTHSC RW
193	KA7462-62cFA	BXD62	76	F	UTHSC RW

194	KA7462-62cFB	BXD62	76	F	UTHSC RW
195	KA5996-62cMA	BXD62	113	M	UTHSC RW
196	KA5996-62cMB	BXD62	113	M	UTHSC RW
197	KA5996-62cMC	BXD62	113	M	UTHSC RW
198	090309.01-63cFA	BXD63	69	F	UTHSC RW
199	090309.02-63cFB	BXD63	69	F	UTHSC RW
200	110609.01-63cMA	BXD63	66	M	UTHSC RW
201	110609.02-63cMB	BXD63	66	M	UTHSC RW
202	091809.03-65cFA	BXD65	65	F	UTHSC RW
203	091809.04-65cFB	BXD65	65	F	UTHSC RW
204	103009.01-65cMA	BXD65	74	M	UTHSC RW
205	103009.02-65cMB	BXD65	74	M	UTHSC RW
206	110408_05-66cFB	BXD66	59	F	UTHSC RW
207	KA7165-66cMA	BXD66	95	M	UTHSC RW
208	KA7165-66cMB	BXD66	95	M	UTHSC RW
209	90809.01-67cMA	BXD67	61	M	UTHSC RW
210	90809.02-67cMB	BXD67	61	M	UTHSC RW
211	110609.03-67cFA	BXD67	68	F	UTHSC RW
212	110609.04-67cFB	BXD67	68	F	UTHSC RW
213	120408_01-68cFA	BXD68	67	F	UTHSC RW
214	120408_02-68cFB	BXD68	67	F	UTHSC RW
215	SQ7205-68cMA	BXD68	87	M	UTHSC RW
216	SQ7205-68cMB	BXD68	87	M	UTHSC RW
217	KA6316-68cMA	BXD68	76	M	UTHSC RW
218	KA6316-68cMB	BXD68	76	M	UTHSC RW
219	KA6316-68cMC	BXD68	76	M	UTHSC RW
220	KA76-69cFA	BXD69	48	F	UTHSC RW
221	KA76-69cFB	BXD69	48	F	UTHSC RW
222	KA6074-69cMA	BXD69	90	M	UTHSC RW
223	KA6074-69cMB	BXD69	90	M	UTHSC RW
224	121608_01-70cFA	BXD70	80	F	UTHSC RW
225	121608_02-70cFB	BXD70	80	F	UTHSC RW
226	KA7394-70cMA	BXD70	51	M	UTHSC RW
227	81209.08-70cMA	BXD70	71	M	VAMC
228	81209.09-70cMB	BXD70	71	M	VAMC
229	052809.01-71cFA	BXD71	70	F	UTHSC RW
230	060409.09-71cMA	BXD71	62	M	UTHSC RW
231	060409.10-71cMB	BXD71	62	M	UTHSC RW
232	40809.01-73cFA	BXD73	83	F	UTHSC RW
233	40809.02-73cFB	BXD73	83	F	UTHSC RW
234	111708_01-73cFA	BXD73	55	F	UTHSC RW
235	111708_01-73cFB	BXD73	55	F	UTHSC RW
236	KA6164-73cMB	BXD73	59	M	UTHSC RW
237	KA6164-73cMC	BXD73	59	M	UTHSC RW
238	82609.22-74cFA	BXD74	68	F	VAMC
239	82609.23-74cFB	BXD74	68	F	VAMC
240	82609.20-74cMA	BXD74	68	M	VAMC
241	82609.21-74cMB	BXD74	68	M	VAMC
242	KA733675cFA	BXD75	59	F	UTHSC RW
243	KA733675cFB	BXD75	59	F	UTHSC RW

244	KA38-75cMB	BXD75	62	M	UTHSC RW
245	KA38-75cMC	BXD75	62	M	UTHSC RW
246	41509.01-77cFA	BXD77	70	F	UTHSC RW
247	41509.02-77cFB	BXD77	70	F	UTHSC RW
248	41509.03-77cMC	BXD77	70	M	UTHSC RW
249	41509.04-77cMD	BXD77	70	M	UTHSC RW
250	121608_03-80cFA	BXD80	77	F	UTHSC RW
251	121608_05-80cMC	BXD80	70	M	UTHSC RW
252	KA23-80cMC	BXD80	77	M	UTHSC RW
253	KA7305-81cFA	BXD81	51	F	UTHSC RW
254	KA7305-81cFB	BXD81	51	F	UTHSC RW
255	KA7305-81cMD	BXD81	51	M	UTHSC RW
256	060409.11-83cFA	BXD83	65	F	UTHSC RW
257	KA24-83cFA	BXD83	78	F	UTHSC RW
258	121608_07-83cMA	BXD83	78	M	UTHSC RW
259	121608_08-83cMB	BXD83	78	M	UTHSC RW
260	KA24-83cMD	BXD83	78	M	UTHSC RW
261	090409.05-84cFA	BXD84	65	F	VAMC
262	090409.06-84cFB	BXD84	65	F	VAMC
263	KA6203-84cMA	BXD84	59	M	UTHSC RW
264	KA6203-84cMB	BXD84	59	M	UTHSC RW
265	40309.02-85cFD	BXD85	58	F	UTHSC RW
266	40309.03-85cFE	BXD85	58	F	UTHSC RW
267	32609.01-85cMA	BXD85	67	M	UTHSC RW
268	32609.02-85cMB	BXD85	67	M	UTHSC RW
269	41509.05-86cFA	BXD86	73	F	UTHSC RW
270	41509.06-86cFB	BXD86	73	F	UTHSC RW
271	KA6101-86cMA	BXD86	82	M	UTHSC RW
272	KA6101-86cMC	BXD86	82	M	UTHSC RW
273	070909.02-87cFA	BXD87	86	F	UTHSC RW
274	070909.03-87cFB	BXD87	86	F	UTHSC RW
275	KA7407-87cMA	BXD87	113	M	UTHSC RW
276	KA7407-87cMB	BXD87	113	M	UTHSC RW
277	102208_05-89cFA	BXD89	82	F	UTHSC RW
278	KA5974-89cMA	BXD89	113	M	UTHSC RW
279	KA5974-89cMB	BXD89	113	M	UTHSC RW
280	102208_06-89cMC	BXD89	82	M	UTHSC RW
281	72309.01-90cFA	BXD90	67	F	UTHSC RW
282	72309.02-90cFB	BXD90	67	F	UTHSC RW
283	090409.03-90cMA	BXD90	64	M	VAMC
284	090409.04-90cMB	BXD90	64	M	VAMC
285	KA6094-92cMA	BXD92	85	M	UTHSC RW
286	020609.01-95cFA	BXD95	71	F	UTHSC RW
287	020609.02-95cFB	BXD95	71	F	UTHSC RW
288	KA6181-95cMA	BXD95	61	M	UTHSC RW
289	KA6181-95cMB	BXD95	61	M	UTHSC RW
290	31209.03-96cFA	BXD96	62	F	UTHSC RW
291	31209.04-96cFB	BXD96	62	F	UTHSC RW
292	KA7246-96cMA	BXD96	73	M	UTHSC RW
293	KA7246-96cMB	BXD96	73	M	UTHSC RW

294	81209.10-97cFA	BXD97	83	F	VAMC
295	81209.11-97cFB	BXD97	83	F	VAMC
296	81209.1-97cMA	BXD97	83	M	VAMC
297	81209.11-97cMB	BXD97	83	M	VAMC
298	SQ7520-98cFA	BXD98	59	F	UTHSC RW
299	SQ7520-98cFB	BXD98	59	F	UTHSC RW
300	SQ7520-98cMC	BXD98	59	M	UTHSC RW
301	SQ7520-98cMD	BXD98	59	M	UTHSC RW
302	82609.17-99cFA	BXD99	64	F	VAMC
303	82609.18-99cFB	BXD99	64	F	VAMC
304	81409.01-99cMA	BXD99	66	M	UTHSC RW
305	81409.02-99cMB	BXD99	66	M	UTHSC RW
306	121608_09-100cFA	BXD100	81	F	UTHSC RW
307	121608_10-100cFB	BXD100	81	F	UTHSC RW
308	KA6001-100cMA	BXD100	111	M	UTHSC RW
309	KA6001-100cMB	BXD100	111	M	UTHSC RW
310	81209.12-101cFA	BXD101	72	F	VAMC
311	81209.13-101cFB	BXD101	72	F	VAMC
312	KA7296-101cMA	BXD101	75	M	UTHSC RW
313	KA7296-101cMB	BXD101	75	M	UTHSC RW
314	92409.03-102cFA	BXD102	71	F	VAMC
315	92409.04-102cFB	BXD102	71	F	VAMC
316	KA7380-102cMA	BXD102	115	M	UTHSC RW
317	43009.01-103cFA	BXD103	68	F	UTHSC RW
318	43009.02-103cFB	BXD103	68	F	UTHSC RW
319	KA79-103cFA	BXD103	48	F	UTHSC RW
320	KA79-103cFB	BXD103	48	F	UTHSC RW
321	KA79-103cMC	BXD103	48	M	UTHSC RW
322	82609.15-103cMA	BXD103	69	M	VAMC
323	82609.16-103cMB	BXD103	69	M	VAMC
324	102909.01-BALBCcFA	BALB/cByJ	78	F	JAX
325	102909.02-BALBCcFB	BALB/cByJ	78	F	JAX
326	102909.03-BALBCcMA	BALB/cByJ	78	M	JAX
327	102909.04-BALBCcMB	BALB/cByJ	78	M	JAX