	gene_name	liver_filtered	para_aotic_filtered	retroperitoneal_filtered	paratracheal_filtered
1	ACTG2	1	1	0	1
2	TERF1	1	1	1	1
3	OCM2	0	1	1	0
4	AR	1	1	1	1
5	CDKN2A	0	1	0	1
6	IGFBP6	1	1	0	1
7	PPP3CA	0	1	0	1
8	HBB	1	1	0	1
9	NEDD4	1	1	0	0
10	CCNB2	0	1	0	0
11	TPM2	1	1	1	1
12	SFRP1	1	1	0	1
13	JAM3	1	1	0	1
14	C10orf116	1	1	1	1
15	HPGD	1	1	0	0
16	MYH11	1	1	0	1
17	RARB	0	1	1	0
18	MRPS14	0	1	0	0
19	FLNA	1	1	0	1
20	HLA-DQA1	0	1	0	0
21	MYLK	1	1	0	1
22	NCK2	1	1	0	1
23	EVI5	0	1	0	0
24	PBX1	0	1	0	0
25	GSTP1	1	1	0	1
26	RARRES1	1	1	0	1
27	AOC3	1	1	0	0
28	EFS	1	1	0	1
29	CNN1	1	1	1	1
30	EIF1AX	1	1	1	1
31	PTRF	1	1	1	1
32	SLC2A5	0	1	0	0
33	RARRES2	0	1	0	1
34	KIF5B	0	1	0	0
35	ETV5	0	1	0	0
36	PTN	1	1	1	1
37	ME3	1	1	0	1
38	FLNC	1	1	0	1
39	ILK	1	1	1	1
40	LGALS3	1	1	0	0
41	LIPF	0	1	0	0
42	RND3	0	1	0	1
43	IFFO1	0	1	0	0
44	AP2B1	1	1	1	1
45	ZNF135	0	1	0	1
46	GATM	0	1	0	0

47	SPARCL1	1	1	0	1
48	SYN2	0	1	0	0
49	TPM1	1	1	0	1
50	FAM155B	0	1	0	0
51	TAGLN	1	1	0	1
52	NBL1	1	1	0	0
53	TCF21	0	1	0	1
54	AOX1	0	1	0	1
55	CHRDL1	1	1	0	1
56	LMOD1	1	1	0	1
57	COL11A1	0	1	0	0
58	FBLN1	1	1	0	1
59	VWA5A	1	1	1	1
60	FOXF1	0	1	0	1
61	TIAM1	0	1	0	0
62	PTGDS	1	1	1	1
63	FHL2	1	1	0	1
64	PAM	1	1	0	1
65	ALDH1B1	0	1	0	1
66	CSRP1	1	1	1	1
67	PLN	1	1	0	1
68	MAMLD1	0	1	0	0
69	TNIP1	1	1	0	0
70	MFAP4	1	1	0	1
71	MYL9	1	1	1	1
72	EMP3	0	1	0	0
73	HEXA	0	1	0	0
74	GAPDH	1	1	0	1
75	SLC12A4	1	1	1	1
76	BMPR1A	0	1	0	0
77	S100A13	1	1	0	0
78	TIMM8A	0	1	1	0
79	EPHB6	0	1	0	0
80	PAMR1	1	1	1	1
81	LPAR1	1	1	0	0
82	NR4A3	0	1	0	0
83	HOXC6	1	1	0	1
84	MS4A1	1	1	0	1
85	MICA	1	1	0	1
86	DES	1	1	0	1
87	CNN3	0	1	0	0
88	PPP1R12B	1	1	0	1
89	STAT6	1	1	1	0
90	MEIS2	1	1	1	1
91	GFER	0	1	0	0
92	FAM110B	1	1	0	0
93	IFITM3	1	1	0	0

94	GAS1	1	1	0	1
95	IFI27	0	1	0	1
96	SMARCD3	1	1	0	0
97	MUC1	0	1	1	0
98	GPX3	0	1	0	1
99	ACTB	1	1	0	1
100	STAT1	0	1	0	1
101	DUSP1	0	0	0	1
102	MSH6	0	0	0	1
103	GATA2	0	0	0	1
104	NR3C1	0	0	0	1
105	GSTM3	0	0	0	1
106	SLC20A2	1	0	0	1
107	GSK3B	1	0	1	1
108	AXL	1	0	0	1
109	FGFR2	1	0	1	1
110	EDNRA	1	0	0	1
111	DUSP8	0	0	0	1
112	PRKCI	0	0	0	1
113	UBE2C	1	0	0	1
114	BRAF	0	0	1	1
115	IGFBP2	0	0	0	1
116	KDM5A	0	0	0	1
117	TGFBR2	1	0	0	1
118	RHOB	0	0	0	1
119	RALA	1	0	1	1
120	RRAS	1	0	1	1
121	TGFBR3	0	0	0	1
122	WT1-AS	0	0	0	1
123	PKN2	0	0	0	1
124	CCND1	0	0	1	1
125	B2M	1	0	0	1
126	SPP1	0	0	0	1
127	ROR2	0	0	1	1
128	DUSP3	0	0	0	1
129	MT1F	0	0	0	1
130	MT1A	0	0	0	1
131	RBMS1	1	0	0	1
132	GLUD2	0	0	0	1
133	GLUD1	0	0	0	1
134	TAF13	0	0	0	1
135	CBX4	1	0	0	1
136	ADRBK2	0	0	0	1
137	SMTN	1	0	0	1
138	STK16	0	0	0	1
139	C21orf33	0	0	0	1
140	SERPINF2	0	0	0	1

141	FXYD1	0	0	0	1
142	THOC2	0	0	0	1
143	BICD1	0	0	0	1
144	FADS2	1	0	0	1
145	MATN2	0	0	0	1
146	CRYAB	0	0	0	1
147	ATP6V0E2	0	0	0	1
148	GJA1	1	0	0	1
149	VAMP5	0	0	0	1
150	FHL1	1	0	0	1
151	BASP1	0	0	0	1
152	PDLIM4	1	0	1	1
153	GSN	1	0	0	1
154	SMG1	1	0	0	1
155	ACTA2	1	0	0	1
156	STIL	1	0	0	1
157	DST	0	0	0	1
158	TNC	1	0	0	1
159	HIST1H2AM	0	0	0	1
160	PAK3	0	0	0	1
161	TUBA4A	0	0	0	1
162	SOX4	0	0	0	1
163	DNAJC3	0	0	0	1
164	FZD7	0	0	0	1
165	NCOA3	0	0	0	1
166	LGALS1	1	0	0	1
167	FMOD	0	0	0	1
168	ZEB1	0	0	0	1
169	PRUNE2	0	0	0	1
170	NEFH	0	0	0	1
171	LDHB	0	0	0	1
172	WFDC2	0	0	0	1
173	ACSM1	0	0	0	1
174	LPHN2	0	0	0	1
175	SMAGP	0	0	0	1
176	ARHGEF10	0	0	0	1
177	ZCCHC24	0	0	0	1
178	CLN5	0	0	0	1
179	MTF2	1	0	0	1
180	CCL2	0	0	0	1
181	PKIG	0	0	0	1
182	ATP1A2	1	0	0	1
183	MFGE8	1	0	0	1
184	HMGCS1	0	0	0	1
185	MYOF	1	0	0	1
186	CELF1	0	0	0	1
187	ADM	0	0	0	1

188	ZNF516	1	0	0	1
189	AURKA	1	0	1	1
190	TNK2	0	0	0	1
191	SLC4A7	0	0	0	1
192	KDM4C	1	0	0	1
193	LCAT	0	0	0	1
194	GSR	0	0	0	1
195	TGFB1I1	1	0	0	1
196	CCNE2	0	0	0	1
197	SF1	0	0	0	1
198	ARID1A	0	0	0	1
199	LOC647979	1	0	0	1
200	CBLB	0	0	0	1
201	NUCB2	0	0	0	1
202	C16orf45	0	0	0	1
203	NBEAL2	0	0	0	1
204	DYNC1I2	0	0	0	1
205	PMS2P3	0	0	0	1
206	PDE3B	0	0	0	1
207	AKR7A3	0	0	0	1
208	ARHGEF17	0	0	0	1
209	CLIP3	0	0	0	1
210	CAV1	1	0	0	1
211	MT1E	0	0	0	1
212	DPYSL3	1	0	0	1
213	P2RY2	1	0	0	1
214	ZKSCAN1	0	0	0	1
215	CRISP3	0	0	0	1
216	FERMT2	0	0	0	1
217	PFN1	1	0	0	1
218	CPM	0	0	0	1
219	HIST1H3H	0	0	0	1
220	CLU	0	0	0	1
221	TRIM22	1	0	0	1
222	MOXD1	0	0	0	1
223	ZMYND8	1	0	1	1
224	P4HA1	1	0	0	1
225	CES1	0	0	1	1
226	EZH2	0	0	0	1
227	PDLIM5	0	0	1	1
228	ANXA1	0	0	0	1
229	PCP4	1	0	0	1
230	MAOB	1	0	0	1
231	HPN	1	0	0	1
232	ATP1B1	0	0	0	1
233	SEMA3C	0	0	0	1
234	ADH5	1	0	0	1

235	LGALS3BP	0	0	0	1
236	HIPK2	0	0	0	1
237	ALDH3B2	0	0	0	1
238	DPT	1	0	0	1
239	NEAT1	1	0	0	1
240	GNAZ	0	0	0	1
241	KCNMB1	1	0	0	1
242	FASN	0	0	0	1
243	PDE4D	0	0	1	1
244	DNAJB5	0	0	0	1
245	MXD4	0	0	0	1
246	ALCAM	0	0	0	1
247	CAMKK2	0	0	0	1
248	DIRAS3	0	0	0	1
249	LRRC37A3	0	0	0	1
250	VIPR2	0	0	0	1
251	COX7A1	1	0	0	1
252	ACTC1	1	0	0	1
253	TPX2	1	0	0	1
254	IL32	0	0	0	1
255	MT1X	0	0	0	1
256	GRAMD4	0	0	0	1
257	ACVR2B	0	0	0	1
258	CDK19	0	0	0	1
259	PRRC1	1	0	1	1
260	PDLIM7	0	0	0	1
261	SYNM	1	0	0	1
262	MT1H	0	0	0	1
263	HAPLN1	0	0	0	1
264	SLC26A2	0	0	0	1
265	C11orf41	0	0	0	1
266	CACNB2	0	0	0	1
267	PDLIM3	0	0	0	1
268	SH3BGRL	0	0	0	1
269	ITGA5	1	0	0	1
270	SERPING1	0	0	0	1
271	C19orf50	0	0	0	1
272	SLC16A6	0	0	0	1
273	SMPDL3A	0	0	0	1
274	KIF3A	0	0	0	1
275	LDOC1	0	0	0	1
276	STAC	0	0	0	1
277	ATP5A1	0	0	0	1
278	PLCE1	0	0	0	1
279	STOM	0	0	0	1
280	C1S	0	0	0	1
281	GSTA4	0	0	0	1

282	TRIO	1	0	1	1
283	SEL1L	1	0	0	1
284	CKS2	1	0	0	1
285	NFAT5	1	0	0	1
286	MEIS1	1	0	0	1
287	TMEM123	0	0	0	1
288	SERPINF1	1	0	0	1
289	ATP2B4	0	0	0	1
290	RNFT2	0	0	0	1
291	BPTF	1	0	0	1
292	RAD23B	1	0	0	1
293	IGHM	0	0	0	1
294	PALLD	0	0	0	1
295	C9orf3	1	0	0	1
296	DDX17	1	0	1	1
297	MXRA7	0	0	0	1
298	RIPK2	0	0	0	1
299	FAM168B	0	0	0	1
300	HS3ST1	0	0	0	1
301	ZNF264	0	0	0	1
302	GSS	1	0	1	1
303	CALD1	1	0	0	1
304	NACC2	0	0	0	1
305	NUP210	1	0	1	1
306	GUSBP11	0	0	0	1
307	UST	0	0	0	1
308	PDPN	1	0	0	1
309	FGF13	0	0	0	1
310	MT1B	0	0	0	1
311	INPP1	0	0	0	1
312	HTR3A	0	0	0	1
313	COL4A6	0	0	0	1
314	MNX1	1	0	1	1
315	ZNF91	0	0	0	1
316	RGN	0	0	0	1
317	VDR	0	0	1	0
318	MSMB	1	0	1	0
319	TSPYL5	0	0	1	0
320	LCK	0	0	1	0
321	C7orf54	0	0	1	0
322	GPC4	1	0	1	0
323	ARL6IP1	1	0	1	0
324	DGKG	0	0	1	0
325	TOX3	1	0	1	0
326	HSPD1	1	0	1	0
327	TGM2	1	0	1	0
328	ATRX	0	0	1	0

329	VPS13A	1	0	1	0
330	PCDHB17	1	0	0	0
331	MKNK2	1	0	0	0
332	DDR2	1	0	0	0
333	KLF1	1	0	0	0
334	OSMR	1	0	0	0
335	SMAD5	1	0	0	0
336	TFAP2A	1	0	0	0
337	VPS13D	1	0	0	0
338	PGCP	1	0	0	0
339	DARC	1	0	0	0
340	NKX2-1	1	0	0	0
341	WWTR1	1	0	0	0
342	PKP2	1	0	0	0
343	ONECUT2	1	0	0	0
344	RBPMS	1	0	0	0
345	NKTR	1	0	0	0
346	GPR37	1	0	0	0
347	GNB2L1	1	0	0	0
348	TRIM3	1	0	0	0
349	TRO	1	0	0	0
350	ARSF	1	0	0	0
351	WFS1	1	0	0	0
352	MIR22HG	1	0	0	0
353	DNALI1	1	0	0	0
354	SULF1	1	0	0	0
355	PLA2G4A	1	0	0	0
356	ZWINT	1	0	0	0
357	ARMCX2	1	0	0	0
358	TRIP10	1	0	0	0
359	AQP1	1	0	0	0
360	ACYP2	1	0	0	0
361	SLC16A2	1	0	0	0
362	BCAR3	1	0	0	0
363	GRIA1	1	0	0	0
364	ITGA7	1	0	0	0
365	CDH11	1	0	0	0
366	CD63	1	0	0	0
367	MX1	1	0	0	0
368	FGB	1	0	0	0
369	ATP2B1	1	0	0	0
370	LMNB1	1	0	0	0
371	CAND2	1	0	0	0
372	F2RL1	1	0	0	0
373	ABCA2	1	0	0	0
374	ACOX2	1	0	0	0
375	CYB5A	1	0	0	0

376	NCAM2	1	0	0	0
377	DICER1	1	0	0	0
378	CTSA	1	0	0	0
379	TRA2A	1	0	0	0
380	C17orf108	1	0	0	0
381	RECQL4	1	0	0	0
382	PEG10	1	0	0	0
383	PPP3CB	1	0	0	0
384	CIRBP	1	0	0	0
385	C18orf1	1	0	0	0
386	PRRX1	1	0	0	0
387	TNPO1	1	0	0	0
388	DMD	1	0	0	0
389	LOC646652	1	0	0	0
390	ITGB4	1	0	0	0
391	YTHDC1	1	0	0	0
392	KIF11	1	0	0	0
393	MYH10	1	0	0	0
394	ZNF500	1	0	0	0
395	IFITM2	1	0	0	0
396	UGT2B7	1	0	0	0
397	PARM1	1	0	0	0
398	NFIX	1	0	0	0
399	DOCK4	1	0	0	0
400	SUPT6H	1	0	0	0
401	NFIB	1	0	0	0
402	KAT5	1	0	0	0
403	CGREF1	1	0	0	0
404	IFI35	1	0	0	0
405	DNAJB1	1	0	0	0