

**Table S3.** Percentage of reads matching with mouse DNA

MDA PCa PDX	Percent filtered
117-9	1.64%
118b	24.85%
133-4	3.51%
144-13	2.18%
144-4	6.93%
146-10	1.17%
146-12	2.89%
150-7	2.79%
152-1	9.64%
153-7	36.84%
155-2	2.26%
163-A	5.70%
173-2	6.12%
174-6	6.10%
175-6	3.29%
177-B	4.77%
178-11	6.77%
180-30	6.06%
183-A	12.88%
200-1	7.04%
203-A	12.03%
250-15	11.19%
255-A	98.94%
265-8	3.28%
266-A	4.99%
270-A	4.17%
273-A	3%
274-2	4.07%
277-6	2.06%
280-9	25.71%
285-3	7.70%
306-14	7.56%
311-1	99.03%
312-7	2.64%
315-8	8.10%
316-1	5.04%
316-2	2.92%
320-1	5.78%
322-2	14.18%
327-2	6.64%
328-5	1.56%
337-A	1.92%
342-B	14.18%
352-8	5.83%
355-9	9.58%
377-1	3.46%

Samples that were excluded due to high mouse DNA content are in red