

1 **Appendix**

2 **Supplemental Table S1** Initial RNA extraction comparison between Qiagen FFPE and Ambion PureLink

3 methods

RNA origin	RNA concentration		Total RNA yield (ng)		A260/A280	
	(ng/uL)		Qiagen	Purelink	Qiagen	Purelink
	Qiagen	Purelink	Qiagen	Purelink	Qiagen	Purelink
FFPE NSCLC						
1173737B	13.0	7.6	390	229	1.94	2.07
1173692B	127.2	16.8	3815	503	1.79	1.65
1173127B	78.0	14.4	2339	432	1.82	1.78
1173740B	170.4	54.7	5113	1641	1.87	1.88
2YHODAZN	121.7	49.4	3650	1482	1.90	2.01
AF8ALAN9	67.9	6.8	2037	204	1.86	1.94
QISIZA1M	107.8	52.3	3233	1569	1.92	2.01
TRQR7A81	299.5	72.5	8986	2175	1.97	2.07
Cell lines*						
FFPE <i>HRG</i> +	58.2	46.9	1746	1406	1.84	2.01
FFPE <i>HRG</i> (-)	153.5	64.5	4604	1934	1.88	2.00

4 **HRG*-positive cell line = A549 and *HRG*-negative cell line = T47D.