

Tissue	N	Population	Are QTLs for <i>Irrk2</i> detected?	Pubmed ID
<b>Monocytes</b>	1490	German descent	Yes	<a href="#">20502693</a> [24]
<b>Liver</b>	427	Caucasian	Yes	<a href="#">18462017</a> [23]
<b>Adult Brain: Neocortex</b>	279	Caucasian	No	<a href="#">17982457</a> [47]
<b>Adult Brain: Temporal cortex</b>	144	Caucasian	No	<a href="#">20485568</a> [48]
<b>Adult Brain: Frontal cortex</b>	236	Caucasian	No	20485568; <a href="#">19222302</a> [49]
<b>Developmental Brain Study: Pre-frontal cortex</b>	269	Caucasian & African-American	No	<a href="#">22031444</a> [50]
<b>Adult Brain: Cerebellum</b>	143	Caucasian	No	20485568
<b>Adult Brain: Pons</b>	142	Caucasian	No	20485568
<b>Developmental Brain Study: 16 regions</b>	57	Multi-population	No	<a href="#">22031440</a> [51]
<b>LCLs</b>	495	Multi-population	No	<a href="#">17873874</a> [52]; <a href="#">18846210</a> [53]; <a href="#">20220758</a> [54]; <a href="#">20220756</a> [55]; 21304890
<b>T-cells</b>	75	Caucasian	No	<a href="#">19644074</a> [56]
<b>Fibroblasts</b>	75	Caucasian	No	19644074
<b>Skin</b>	160	Caucasian, female twin study	No	<a href="#">21304890</a> [57]
<b>Blood</b>	80	Caucasian	No	19222302
<b>Fat</b>	166	Caucasian, female twin study	No	21304890

**Table S4:** Summary of existing eQTL studies performed in human control tissues and cells with relevance to the detection of exon eQTLs relevant to *LRK2*.