

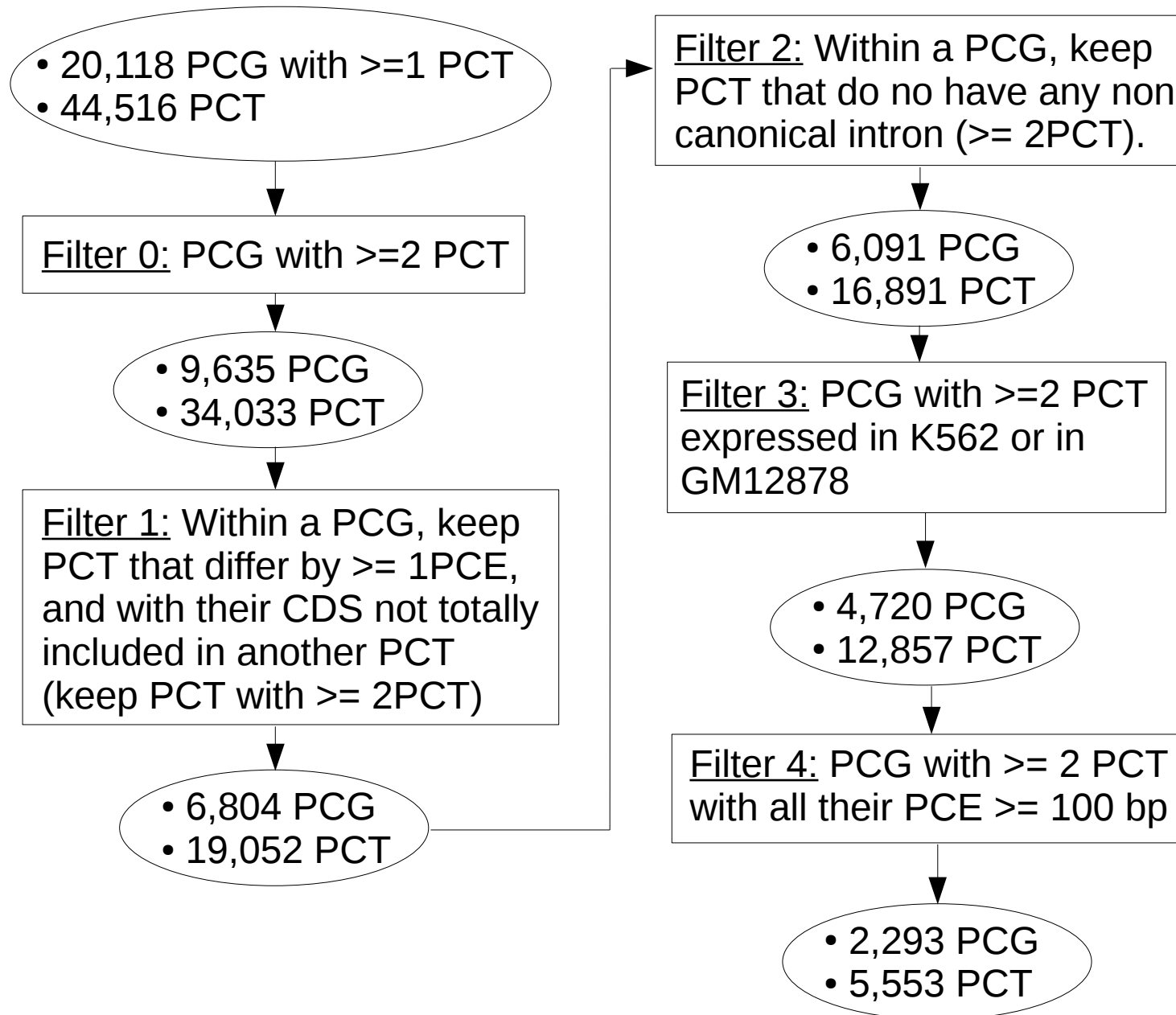
RGASP: selection of loci for nanostring quantification

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RGASP conference call - 2009/08/11

Vocabulary

- Abbreviations (July 2009 GENCODE annotation was used):
 - PCG = Protein coding gene
 - PCT = Protein coding transcript
 - PCE = Protein coding exon
- Canonical intron:
 - ...|GT – AG|...
 - ...|GC – AG|...
 - ...|AT – AC|...
- A transcript is said to be expressed in a cell line if its RPKM in this cell line is > 0 (RPKM computed using the flux capacitor on GIS reads mapped by GIS)



Final set of data

- Each final transcript is provided with two RPKM values:

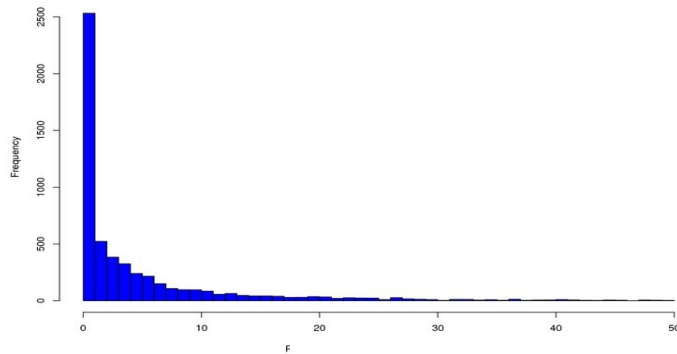
- one for K562,

- one for GM12878.

RPKM values

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max
K562	0.0	0.0	1.5	6.3	5.8	287.5
GM12878	0.0	0.0	1.4	6.1	5.7	377.9

Transcript RPKM values in K562 - zoom



Transcript RPKM values in GM12878 - zoom

