Supplementary Figure 1A: EPIC exclusion of probes and subjects

- Probes: 485,577
  - Subjects: 332
  - Exclude 65 SNP probes
- Probes: 485,512
  - Subjects: 332
  - Exclude 2 subjects because not first cancer
  - Exclude 2 subjects because matched pair located on different chip
- Probes: 485,512
  - Subjects: 332
  - Exclude 2 subjects because not first cancer
  - Exclude 2 subjects because matched pair located on different chip
- Probes: 485,512
  - Subjects: 332
  - Exclude 2 subjects because not first cancer
  - Exclude 2 subjects because matched pair located on different chip
- Probes: 448,857
  - Subjects: 328
  - Exclude 36,655 probes because missing in >20% of the samples
  - Exclude 3 subjects because missing values >5% of probes
- Probes: 448,857
  - Subjects: 325
  - Exclude 1 subjects because of missing pair
  - Exclude 40,108 non-specific (cross-hybridizing) probes
- Probes: 408,749
  - Subjects: 324
  - Exclude 1,294 probes that were excluded from NOWAC to create overlapping probe dataset
- Probes: 408,749
  - Subjects: 324
  - Exclude 1,294 probes that were excluded from NOWAC to create overlapping probe dataset
- Probes: 407,455
  - Subjects: 324
Supplementary Figure 1B: NOWAC exclusion of probes and subjects

- Exclude 65 SNP probes
- Exclude 11 subjects because of missing covariate data
- Exclude 224 probes after applying ComBat
- Excluded 28,459 probes because missing in >20% of the samples
- Exclude 14 subjects because missing values >5% of probes
- Exclude 23 subjects because of missing pair
- Exclude 40,417 non-specific (cross-hybridizing) probes
- Exclude 8,957 probes that were excluded from EPIC to generate overlapping probe dataset

Pros: 407,455
Subjects: 336