445 patients in HER2+ part of GeparQuattro

261 FFPE core biopsies with pos. local HER2 status

228 samples with at least 30% tumor tissue

217 samples with adequate amount of RNA (ref.gene CT <=30.6)

217 samples - RT-PCR for ESR1 and HER2 mRNA

158 centrally HER2 positive cases

59 centrally HER2 negative cases