[R Obst, according to Margarida Correia-Neves]

**Isolating PCR products for sequencing**

PEG solution:
- 20% PEG 6000
- 2.5M NaCl

(for 50ml, add 10g PEG and 7.3g NaCl to ddH20)

1. Mix 20µl PCR product of 50µl reaction w/ 20 µl PEG solution in 96 well PCR plate.
2. 30' @ 4C.
3. 10' @ 3500rpm in Jouan centrifuge
4. remove 35µl
5. add 100µl 75% EtOH, spin 5' @ 3500rpm in Jouan
6. remove 75µl
7. repeat 5 & 6
8. dry the DNA in 50C oven takes <1hr
9. resuspend in 20µl TE

The DFCI high throughput sequencing facility (http://dnaseq.med.harvard.edu/) requests 12µl @ 20ng/µl DNA. Run initial PCR product and purified fragment side by side on gel and quantify. For me, mixing 6µl of the DNA solution with 6µl TE gives the right concentration.