The libraries were re-sequenced. I moved the new data to this directory:

/broad/IDP-Dx\_storage/RawSeqData/WUS\_091717\_F074\_Serratia\_Staph\_\_Peijun\_Christoph\_Bella\_MOC/reseq/demultiplexed/[get.broadinstitute.org/pkgs/SN0130754](http://get.broadinstitute.org/pkgs/SN0130754)

I checked the overall quality of the whole dataset (undemulitplexed) and it is good this time. But you may want to check your individual samples just in case.

Samples:  
Bella1 (pooledLibrary=DH1, lane=1, mbs=CGTACTAG-CTCTCTAT)  
Bella10 (pooledLibrary=DH1, lane=1, mbs=AGGCAGAA-TATCCTCT)  
Bella11 (pooledLibrary=DH1, lane=1, mbs=AGGCAGAA-AGAGTAGA)  
Bella12 (pooledLibrary=DH1, lane=1, mbs=AGGCAGAA-GTAAGGAG)  
Bella13 (pooledLibrary=DH1, lane=1, mbs=AGGCAGAA-ACTGCATA)  
Bella14 (pooledLibrary=DH1, lane=1, mbs=AGGCAGAA-AAGGAGTA)  
Bella15 (pooledLibrary=DH1, lane=1, mbs=AGGCAGAA-CTAAGCCT)  
Bella16 (pooledLibrary=DH1, lane=1, mbs=AGGCAGAA-GCGTAAGA)  
Bella17 (pooledLibrary=DH1, lane=1, mbs=TCCTGAGC-CTCTCTAT)  
Bella18 (pooledLibrary=DH1, lane=1, mbs=TCCTGAGC-TATCCTCT)  
Bella19 (pooledLibrary=DH1, lane=1, mbs=TCCTGAGC-AGAGTAGA)  
Bella2 (pooledLibrary=DH1, lane=1, mbs=CGTACTAG-TATCCTCT)  
Bella20 (pooledLibrary=DH1, lane=1, mbs=TCCTGAGC-GTAAGGAG)  
Bella3 (pooledLibrary=DH1, lane=1, mbs=CGTACTAG-AGAGTAGA)  
Bella4 (pooledLibrary=DH1, lane=1, mbs=CGTACTAG-GTAAGGAG)  
Bella5 (pooledLibrary=DH1, lane=1, mbs=CGTACTAG-ACTGCATA)  
Bella6 (pooledLibrary=DH1, lane=1, mbs=CGTACTAG-AAGGAGTA)  
Bella7 (pooledLibrary=DH1, lane=1, mbs=CGTACTAG-CTAAGCCT)  
Bella8 (pooledLibrary=DH1, lane=1, mbs=CGTACTAG-GCGTAAGA)  
Bella9 (pooledLibrary=DH1, lane=1, mbs=AGGCAGAA-CTCTCTAT)  
Julian1 (pooledLibrary=DH1, lane=1, mbs=TAAGGCGA-CTCTCTAT)  
Julian2 (pooledLibrary=DH1, lane=1, mbs=TAAGGCGA-TATCCTCT)  
Julian3 (pooledLibrary=DH1, lane=1, mbs=TAAGGCGA-AGAGTAGA)  
Julian4 (pooledLibrary=DH1, lane=1, mbs=TAAGGCGA-GTAAGGAG)  
Julian5 (pooledLibrary=DH1, lane=1, mbs=TAAGGCGA-ACTGCATA)  
Julian6 (pooledLibrary=DH1, lane=1, mbs=TAAGGCGA-AAGGAGTA)  
Peijun10 (pooledLibrary=DH1, lane=1, mbs=CAGAGAGG-TATCCTCT)  
Peijun11 (pooledLibrary=DH1, lane=1, mbs=CAGAGAGG-AGAGTAGA)  
Peijun12 (pooledLibrary=DH1, lane=1, mbs=CAGAGAGG-GTAAGGAG)  
Peijun13 (pooledLibrary=DH1, lane=1, mbs=CAGAGAGG-ACTGCATA)  
Peijun14 (pooledLibrary=DH1, lane=1, mbs=CAGAGAGG-AAGGAGTA)  
Peijun15 (pooledLibrary=DH1, lane=1, mbs=CAGAGAGG-CTAAGCCT)  
Peijun16 (pooledLibrary=DH1, lane=1, mbs=CAGAGAGG-GCGTAAGA)  
Peijun17 (pooledLibrary=DH1, lane=1, mbs=GCTACGCT-CTCTCTAT)  
Peijun18 (pooledLibrary=DH1, lane=1, mbs=GCTACGCT-TATCCTCT)  
Peijun19 (pooledLibrary=DH1, lane=1, mbs=GCTACGCT-AGAGTAGA)  
Peijun20 (pooledLibrary=DH1, lane=1, mbs=GCTACGCT-GTAAGGAG)  
Peijun21 (pooledLibrary=DH1, lane=1, mbs=GCTACGCT-ACTGCATA)  
Peijun22 (pooledLibrary=DH1, lane=1, mbs=GCTACGCT-AAGGAGTA)  
Peijun23 (pooledLibrary=DH1, lane=1, mbs=GCTACGCT-CTAAGCCT)  
Peijun24 (pooledLibrary=DH1, lane=1, mbs=GCTACGCT-GCGTAAGA)  
Peijun25 (pooledLibrary=DH1, lane=1, mbs=CGAGGCTG-CTCTCTAT)  
Peijun26 (pooledLibrary=DH1, lane=1, mbs=CGAGGCTG-TATCCTCT)  
Peijun27 (pooledLibrary=DH1, lane=1, mbs=CGAGGCTG-AGAGTAGA)  
Peijun28 (pooledLibrary=DH1, lane=1, mbs=CGAGGCTG-GTAAGGAG)  
Peijun29 (pooledLibrary=DH1, lane=1, mbs=CGAGGCTG-ACTGCATA)  
Peijun30 (pooledLibrary=DH1, lane=1, mbs=CGAGGCTG-AAGGAGTA)  
Peijun31 (pooledLibrary=DH1, lane=1, mbs=CGAGGCTG-CTAAGCCT)  
Peijun32 (pooledLibrary=DH1, lane=1, mbs=CGAGGCTG-GCGTAAGA)  
Peijun33 (pooledLibrary=DH1, lane=1, mbs=AAGAGGCA-CTCTCTAT)  
Peijun34 (pooledLibrary=DH1, lane=1, mbs=AAGAGGCA-TATCCTCT)  
Peijun35 (pooledLibrary=DH1, lane=1, mbs=AAGAGGCA-AGAGTAGA)  
Peijun36 (pooledLibrary=DH1, lane=1, mbs=AAGAGGCA-GTAAGGAG)  
Peijun37 (pooledLibrary=DH1, lane=1, mbs=AAGAGGCA-ACTGCATA)  
Peijun38 (pooledLibrary=DH1, lane=1, mbs=AAGAGGCA-AAGGAGTA)  
Peijun39 (pooledLibrary=DH1, lane=1, mbs=AAGAGGCA-CTAAGCCT)  
Peijun40 (pooledLibrary=DH1, lane=1, mbs=AAGAGGCA-GCGTAAGA)  
Peijun41 (pooledLibrary=DH1, lane=1, mbs=CTCTCTAC-CTCTCTAT)  
Peijun42 (pooledLibrary=DH1, lane=1, mbs=CTCTCTAC-TATCCTCT)  
Peijun43 (pooledLibrary=DH1, lane=1, mbs=CTCTCTAC-AGAGTAGA)  
Peijun44 (pooledLibrary=DH1, lane=1, mbs=CTCTCTAC-GTAAGGAG)  
Peijun45 (pooledLibrary=DH1, lane=1, mbs=CTCTCTAC-ACTGCATA)  
Peijun46 (pooledLibrary=DH1, lane=1, mbs=CTCTCTAC-AAGGAGTA)  
Peijun47 (pooledLibrary=DH1, lane=1, mbs=CTCTCTAC-CTAAGCCT)  
Peijun9 (pooledLibrary=DH1, lane=1, mbs=CAGAGAGG-CTCTCTAT)  
Bella21 (pooledLibrary=DH2, lane=2, mbs=CAGAGAGG-CTCTCTAT)  
Bella22 (pooledLibrary=DH2, lane=2, mbs=CAGAGAGG-TATCCTCT)  
Bella23 (pooledLibrary=DH2, lane=2, mbs=CAGAGAGG-AGAGTAGA)  
Bella24 (pooledLibrary=DH2, lane=2, mbs=CAGAGAGG-GTAAGGAG)  
Bella25 (pooledLibrary=DH2, lane=2, mbs=CAGAGAGG-ACTGCATA)  
Bella26 (pooledLibrary=DH2, lane=2, mbs=CAGAGAGG-AAGGAGTA)  
Bella27 (pooledLibrary=DH2, lane=2, mbs=CAGAGAGG-CTAAGCCT)  
Bella28 (pooledLibrary=DH2, lane=2, mbs=CAGAGAGG-GCGTAAGA)  
Bella29 (pooledLibrary=DH2, lane=2, mbs=GCTACGCT-CTCTCTAT)  
Bella30 (pooledLibrary=DH2, lane=2, mbs=GCTACGCT-TATCCTCT)  
Bella31 (pooledLibrary=DH2, lane=2, mbs=GCTACGCT-AGAGTAGA)  
Bella32 (pooledLibrary=DH2, lane=2, mbs=GCTACGCT-ACTGCATA)  
Bella33 (pooledLibrary=DH2, lane=2, mbs=GCTACGCT-AAGGAGTA)  
Bella34 (pooledLibrary=DH2, lane=2, mbs=GCTACGCT-CTAAGCCT)  
Bella35 (pooledLibrary=DH2, lane=2, mbs=GCTACGCT-GCGTAAGA)  
Bella36 (pooledLibrary=DH2, lane=2, mbs=CGAGGCTG-CTCTCTAT)  
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Bella38 (pooledLibrary=DH2, lane=2, mbs=CGAGGCTG-AGAGTAGA)  
Bella39 (pooledLibrary=DH2, lane=2, mbs=CGAGGCTG-GTAAGGAG)  
Bella40 (pooledLibrary=DH2, lane=2, mbs=CGAGGCTG-AAGGAGTA)  
Bella41 (pooledLibrary=DH2, lane=2, mbs=CGAGGCTG-CTAAGCCT)  
Bella42 (pooledLibrary=DH2, lane=2, mbs=CGAGGCTG-GCGTAAGA)  
Bella43 (pooledLibrary=DH2, lane=2, mbs=AAGAGGCA-CTCTCTAT)  
Jess1 (pooledLibrary=DH2, lane=2, mbs=GGACTCCT-GCGTAAGA)  
Jess3 (pooledLibrary=DH2, lane=2, mbs=CTCTCTAC-TATCCTCT)  
Jess4 (pooledLibrary=DH2, lane=2, mbs=GCTACGCT-GTAAGGAG)  
Jess5 (pooledLibrary=DH2, lane=2, mbs=CGAGGCTG-ACTGCATA)  
Jess6 (pooledLibrary=DH2, lane=2, mbs=AAGAGGCA-AAGGAGTA)  
Peijun1 (pooledLibrary=DH2, lane=2, mbs=GTAGAGGA-CTCTCTAT)  
Peijun2 (pooledLibrary=DH2, lane=2, mbs=GTAGAGGA-TATCCTCT)  
Peijun3 (pooledLibrary=DH2, lane=2, mbs=GTAGAGGA-AGAGTAGA)  
Peijun4 (pooledLibrary=DH2, lane=2, mbs=GTAGAGGA-GTAAGGAG)  
Peijun48 (pooledLibrary=DH2, lane=2, mbs=CTCTCTAC-GCGTAAGA)  
Peijun5 (pooledLibrary=DH2, lane=2, mbs=GTAGAGGA-ACTGCATA)  
Peijun6 (pooledLibrary=DH2, lane=2, mbs=GTAGAGGA-AAGGAGTA)  
Peijun7 (pooledLibrary=DH2, lane=2, mbs=GTAGAGGA-CTAAGCCT)  
Peijun8 (pooledLibrary=DH2, lane=2, mbs=GTAGAGGA-GCGTAAGA)  
Roby01 (pooledLibrary=DH2, lane=2, mbs=TAAGGCGA-CTCTCTAT)  
Roby02 (pooledLibrary=DH2, lane=2, mbs=CGTACTAG-CTCTCTAT)  
Roby03 (pooledLibrary=DH2, lane=2, mbs=AGGCAGAA-CTCTCTAT)  
Roby04 (pooledLibrary=DH2, lane=2, mbs=TCCTGAGC-CTCTCTAT)  
Roby05 (pooledLibrary=DH2, lane=2, mbs=GGACTCCT-CTCTCTAT)  
Roby06\_Jess2 (pooledLibrary=DH2, lane=2, mbs=TAGGCATG-CTCTCTAT)  
Roby07 (pooledLibrary=DH2, lane=2, mbs=TAAGGCGA-TATCCTCT)  
Roby08 (pooledLibrary=DH2, lane=2, mbs=CGTACTAG-TATCCTCT)  
Roby09 (pooledLibrary=DH2, lane=2, mbs=AGGCAGAA-TATCCTCT)  
Roby10 (pooledLibrary=DH2, lane=2, mbs=TCCTGAGC-TATCCTCT)  
Roby11 (pooledLibrary=DH2, lane=2, mbs=GGACTCCT-TATCCTCT)  
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Roby27 (pooledLibrary=DH2, lane=2, mbs=AGGCAGAA-ACTGCATA)  
  
URL: <https://get.broadinstitute.org/pkgs/SN0130313/>  
 Username: SN0130313  
Password: YgOT4OKPvb27  
Example: wget --tries=10 --continue --mirror --user SN0130313 --password YgOT4OKPvb27 --no-check-certificate <https://get.broadinstitute.org/pkgs/SN0130313/>