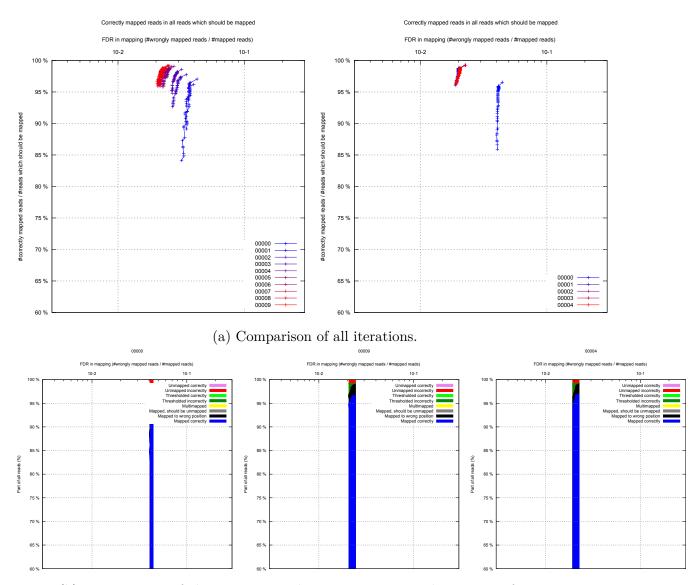
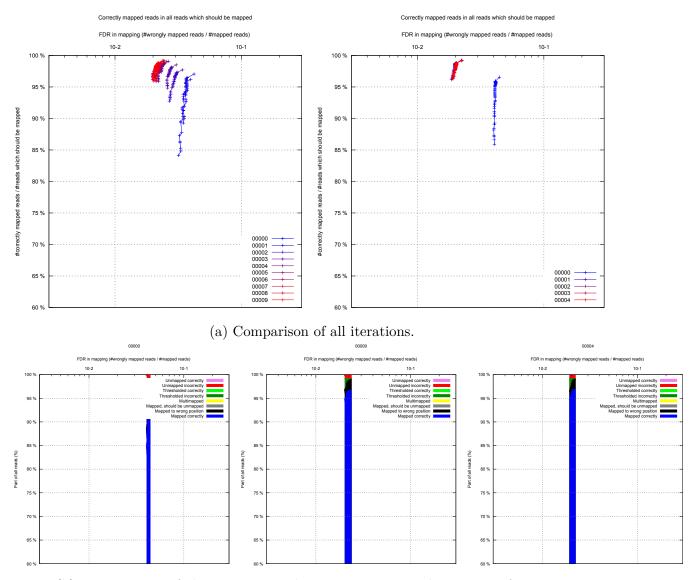
$1 \quad \text{exp.} 1.01 __Borrelia}_0.07-baq$

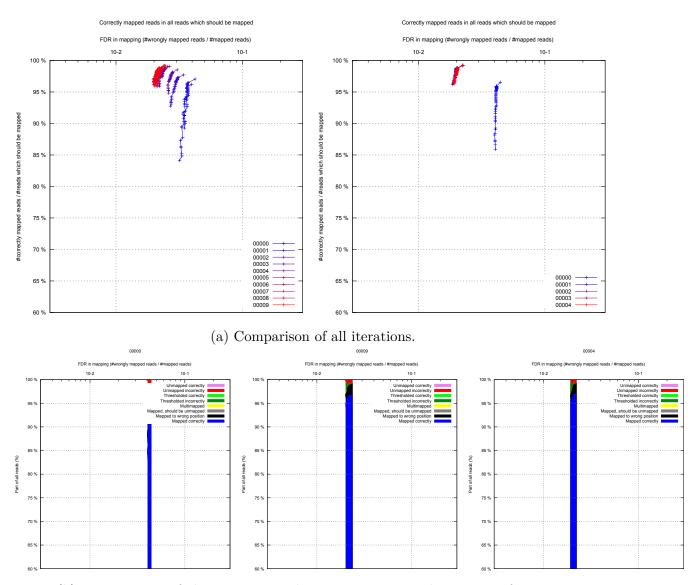


$2 \quad \text{exp.} 1.02 \underline{\hspace{0.5cm}} \text{Borrelia} \underline{\hspace{0.5cm}} 0.07$

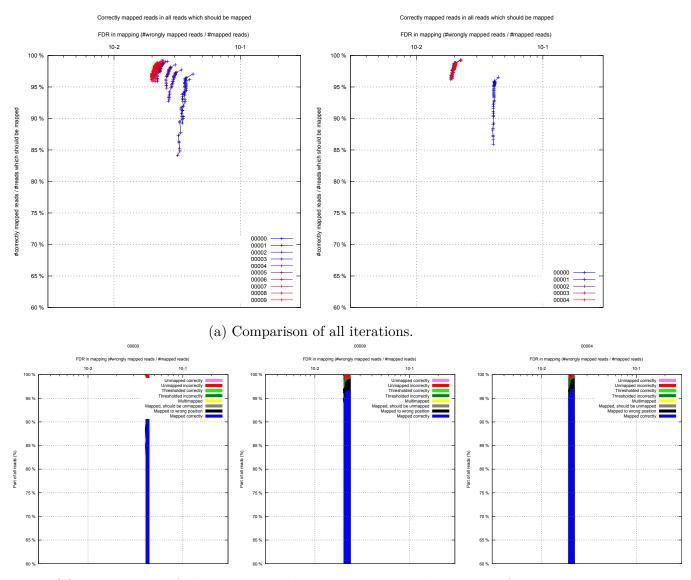


(b) Improvement of alignment using dynamic mapping and iterative referencing.

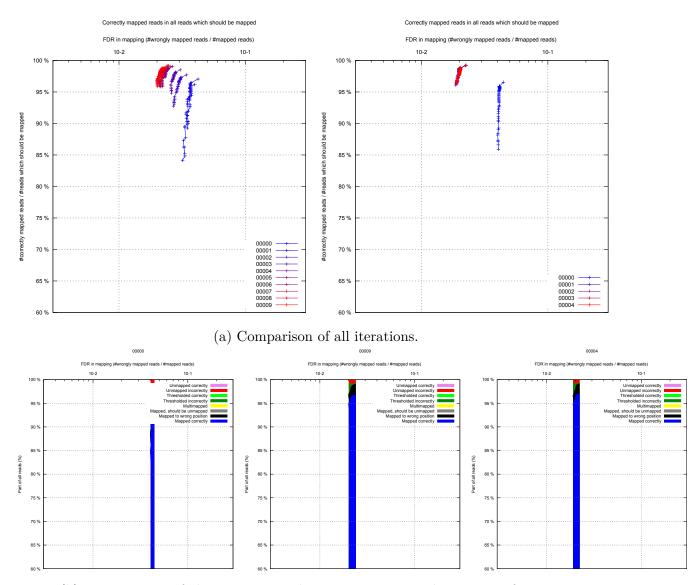
$3 \quad \text{exp.} 1.03 __Borrelia __0.07 \text{-}ococo32$



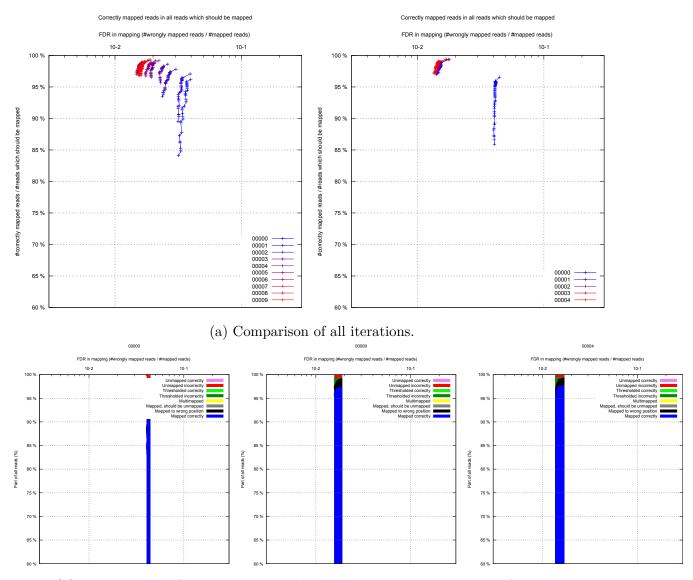
$4 \quad \text{exp.} 1.04 __Borrelia __0.07 \text{-} ococo16$



$5 \quad \text{exp.} 1.05 __Borrelia __0.07\text{-delstats}$

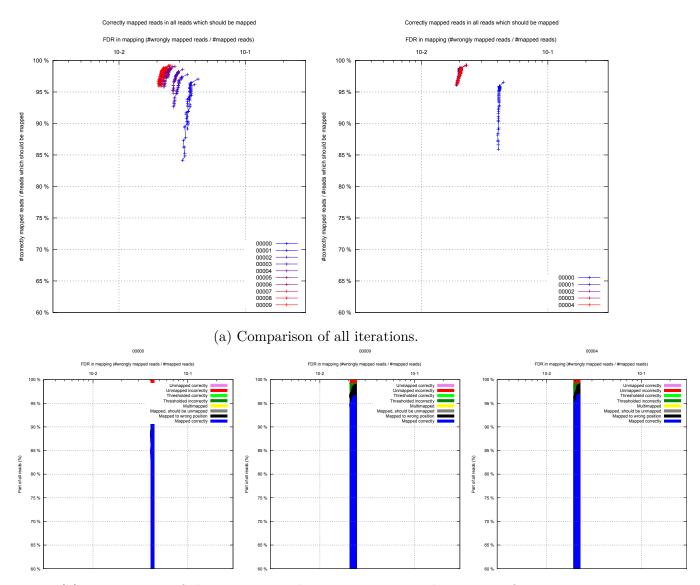


$6 \quad \text{exp.} 1.06 __Borrelia}_0.07\text{-indels}$

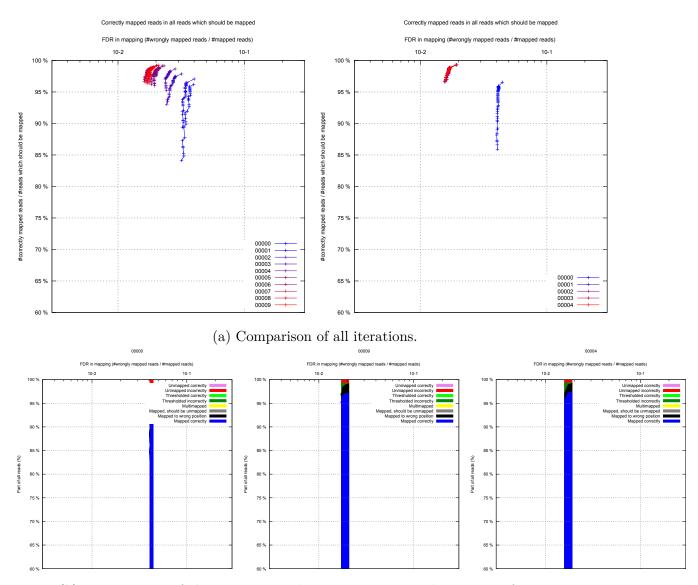


(b) Improvement of alignment using dynamic mapping and iterative referencing.

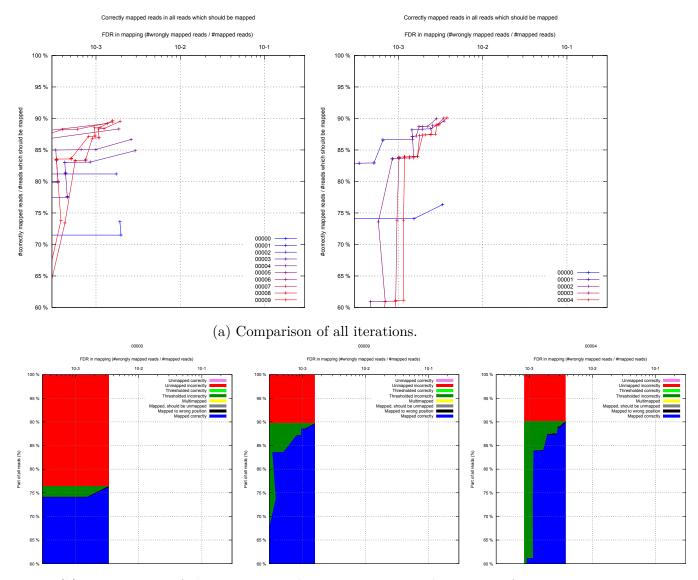
$7 \quad \text{exp.} 1.07 \underline{\hspace{1cm}} \text{Borrelia} \underline{\hspace{1cm}} 0.07 \text{-delstats-baq}$



$8 \quad \text{exp.} 1.08 __Borrelia}_0.07\text{-dels}$

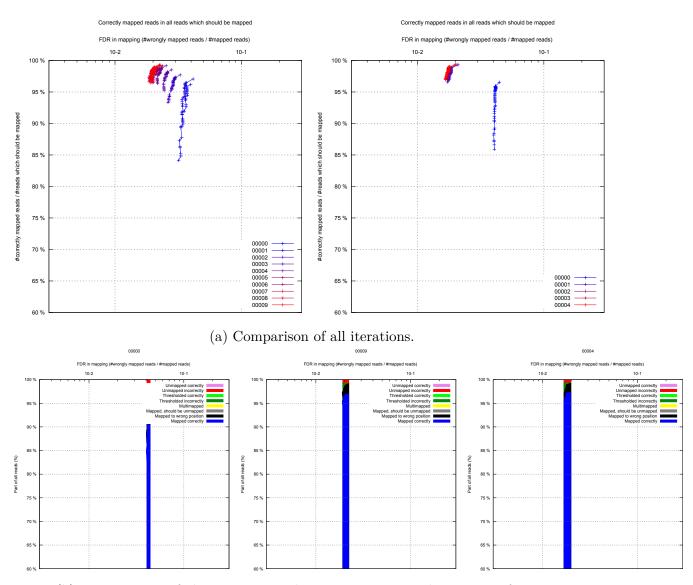


$9 \quad \text{exp.} 1.09 \underline{\hspace{1cm}} \text{Borrelia} \underline{\hspace{1cm}} 0.07\text{-bowtie2}$

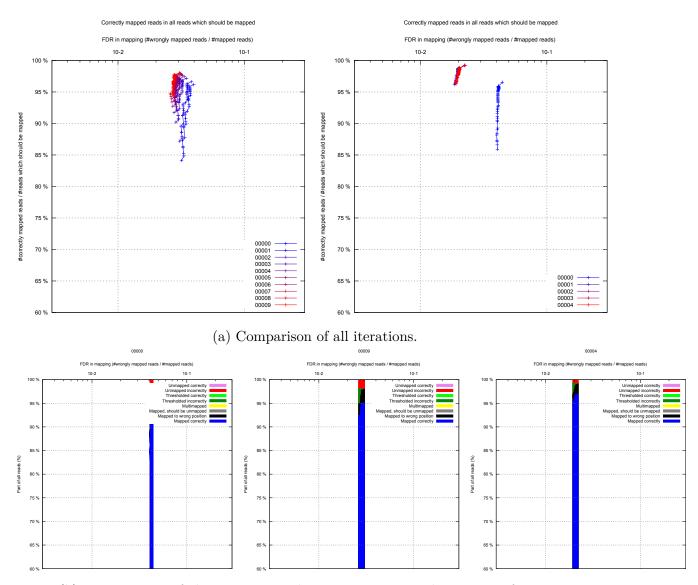


(b) Improvement of alignment using dynamic mapping and iterative referencing.

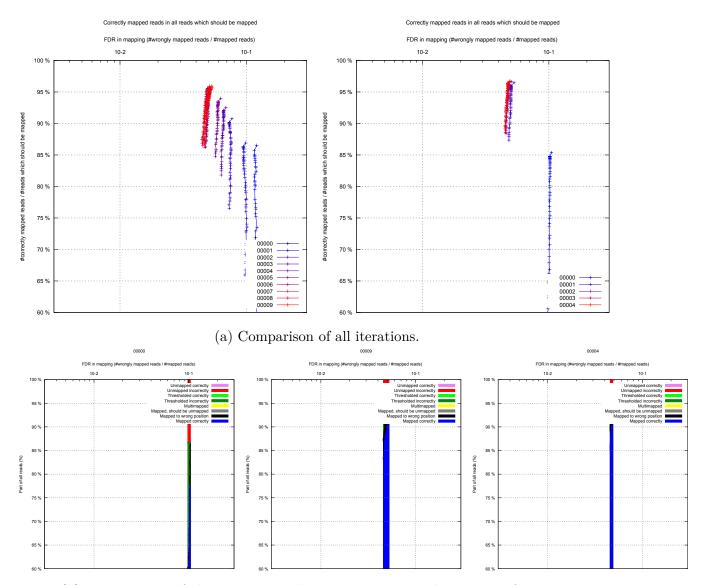
$10 \quad \text{exp.} 1.10 __Borrelia}_0.07\text{-ins}$



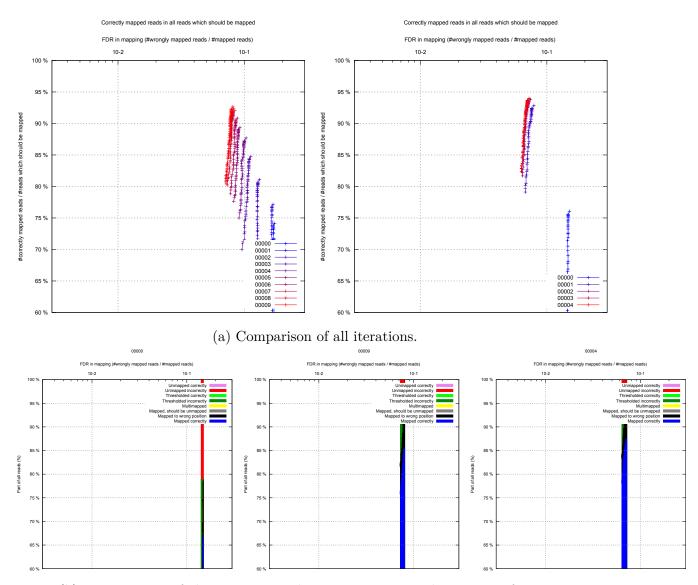
$11 \quad \text{exp.} 1.11 __Borrelia__0.07 - ococo16 - noremap$



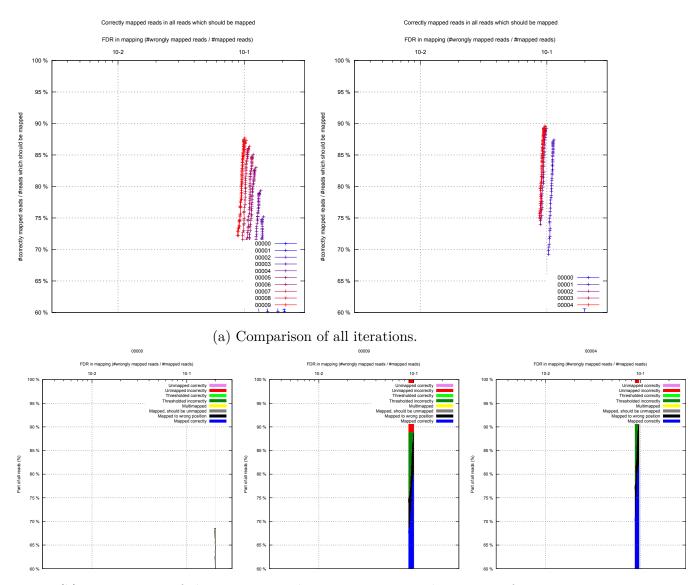
$12 \quad \text{exp.} 1.12 \underline{\hspace{1cm}} \text{Borrelia} \underline{\hspace{1cm}} 0.11$



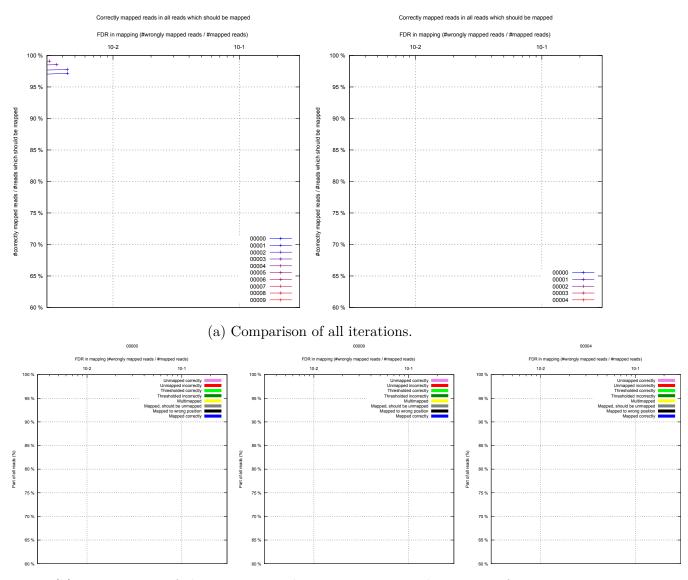
$13 \quad \text{exp.} 1.13 __Borrelia}_0.13$



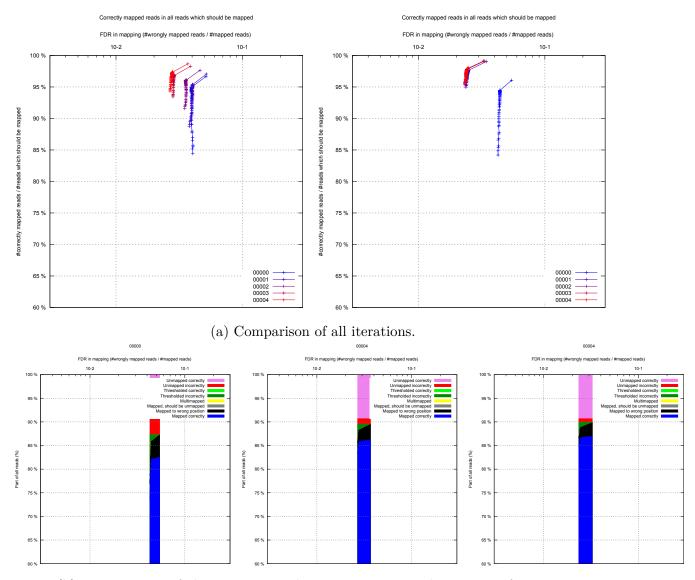
$14 \quad \text{exp.} 1.14 __Borrelia}_0.15$



$15 \quad \text{exp.} 1.15 \underline{\hspace{1cm}} \text{Borrelia} \underline{\hspace{1cm}} 0.07\text{-delta} 500$



$16 \quad \text{exp.} 2.04 \underline{\hspace{1cm}} \text{Tuberculosis} \underline{\hspace{1cm}} 0.07\text{-}\text{occool} 6$



$17 \quad \text{exp.} 2.06 \underline{\hspace{1cm}} \text{Tuberculosis} \underline{\hspace{1cm}} 0.07 \text{-indels}$

