# Q&A and Counting *k*-mers Example

CMSC 12100 / CAPP 30121 - Computer Science with Applications I



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has the following 2-mers:

#### AA

AG (twice)

### GA

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has the following 2-mers:

#### AA

AG (twice)

#### GA

GT

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## AAGAGT

has the following 2-mers:

And the following 3-mers:

#### AA

AG (twice)

#### GA

GT

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ΔAG

has the following 2-mers:

And the following 3-mers:

AA

AG (twice)

GA

GΤ

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has the following 2-mers:

AA

AG (twice)

And the following 3-mers: **AAG** 

AGA

GA

GΤ

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has the following 2-mers:

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AG (twice)

GA

GΤ

And the following 3-mers: AAG AGA GAG

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## AAGAGT

has the following 2-mers:

AA

AG (twice)

GA

GT

And the following 3-mers:

AAG AGA

GAG AGT