

## Chromosome 1:

It was the **best of times it was the worst of times** it was the age of wisdom it was the age of foolishness it was the epoch of belief it was the epoch of incredulity

## Chromosome 2:

It was the **season of Light it was the season of Darkness** it was the spring of hope it was the winter of despair

In bold are known “genes” on these “chromosomes” can you align the reads to these genes? What’s missing in this genome annotation? What’s missing in this example that we find in the genome?

best of times

the worst of

it was the

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worst of times

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age of wisdom

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wisdom it was

the age of

wisdom it was

it was the

age of wisdom

it was the

was the age	age of foolishness	of wisdom it
the age of	age of wisdom	wisdom it was
age of foolishness	of wisdom it	it was the
age of wisdom	wisdom it is	was the age
of wisdom it	it was the	the age of
wisdom it was	was the age	age of wisdom
it was the	the age of	of wisdom it
was the age	age of wisdom	wisdom it was
the age of	of wisdom it	it was the
age of wisdom	wisdom it was	was the age
of wisdom it	it was the	the age of
wisdom it was	was the age	age of foolishness
it was the	the age of	age of wisdom
was the age	age of foolishness	of wisdom it
the age of	age of wisdom	wisdom it was

it was the	was the season	season of Darkness
was the age	season of Darkness	the season of
the age of	the season of	season of Light
age of wisdom	season of Light	of Light it was
of wisdom it	of Light it was	Light it was
wisdom it was	Light it was	it was the
it was the	it was the	was the season
was the age	was the season	season of Darkness
the age of	season of Darkness	the season of
age of foolishness	the season of	season of Light
the season of	season of Light	of Light it was
season of Light	of Light it was	Light it was
of Light it was	Light it was	it was the
Light it was	it was the	was the season
it was the	was the season	season of Darkness

best of worst

best of worst

season of Lightness

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season of Lightness

it was an