

## Ruby master - Bug #17120

### String#start\_with? return wrong result for Regexp patterns containing ^K/

08/13/2020 08:17 AM - hanazuki (Kasumi Hanazuki)

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> ruby 2.8.0dev (2020-08-13T01:14:20Z master 69b5241c36) [x86_64-linux]	<b>Backport:</b> 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN

#### Description

String#start\_with? unexpectedly reports true when the pattern Regexp contains ^K/ (lookbehind) operator and the lookbehind pattern matches the beginning of self.

```
"hello".start_with?(/h^Ke/) # => true (unexpected)
```

In this example, /h^Ke/ matches "hello", but it's not considered as a match at the beginning of the string by the other Regexp operations (e.g. \$~.begin(0) == 1).

#### History

#1 - 08/13/2020 05:10 PM - hanazuki (Kasumi Hanazuki)

Patch: <https://github.com/ruby/ruby/pull/3417>