|  | Single character wildcar | s...r |
| :---: | :---: | :---: |
| 1 | Escape character | 1. |
| $\wedge$ | The line must start with | ${ }^{\wedge} \mathrm{c}$ |
| [] | Any single character in the brackets | [ch] |
| [^] | NOT any of the single characters in the brackets | [^${ }^{\text {ch] }}$ |
| \$ | The line ends with | s\$ |
| * | The preceding character can occur zero or more times | colou*r |
| ? | The preceding character can occur zero or one time ${ }^{1}$ | colou?r |
| + | The preceding character can occur one or more times ${ }^{1}$ | colou+r |
| 1 | OR operator ${ }^{1}$ | chips\|salsa |
| [-] | Range | [A-ZO-9] |
| ${ }^{1}$ - Extended regular expression requires the -E option |  |  |


| [:alpha:] | Alphabetic characters |
| :---: | :--- |
| [:digit:] | Numeric characters |
| [:alnum:] | Alphanumeric characters |
| [:lower:] | Lower-case alphabetic characters |
| [:upper:] | Upper-case alphabetic characters |
| [:punct:] | Punctuation characters |
| [:space:] | Space characters (space, tab, new line) |
| [:blank:] | White-space characters |
| [:print:] | Printable characters, including space |
| [graph:] | Printable characters, not including space |
| [:cntr::] | Control characters (non-printing) |
| [:xdigit:] | Hexadecimal characters (0-9, A-F, a-f) |

