

**Table 1.**

Regular Expression	Operation	Category
"s/</&lt;/g"	Removes left angle bracket "<"	XSS
"s/%3c/&lt;/g"	Removes left angle bracket "<"	XSS
"s/%3C/&lt;/g"	Removes left angle bracket "<"	XSS
"s/>/&gt;/g"	Removes right angle bracket ">"	XSS
"s/%3e/&gt;/g"	Removes right angle bracket ">"	XSS
"s/%3E/&gt;/g"	Removes right angle bracket ">"	XSS
s/\\<[sS][eE][lL][eE][cC][tT]\\>.{0,40}\\<[uU][sS][eE][rR]\\>/g"	Removes "select X user"	SQL Injection
"s/\\<[sS][eE][lL][eE][cC][tT]\\>.{0,40}\\<[sS][uU][bB][sS][tT][rR][iI][nN][gG]\\>/g"	Removes "select X substring"	SQL Injection
s/\\<[sS][eE][lL][eE][cC][tT]\\>.{0,40}\\<[aA][sS][cC][iI][iI]\\>/g"	Removes "select X ascii"	SQL Injection
s/\\<[aA][lL][lL]_[oO][bB][jJ][eE][cC][tT][sS]\\>/g"	Removes "all_objects" (Oracle PL/SQL specific)	SQL Injection
s/\\<[dD][rR][oO][pP]\\>/g"	Removes "drop"	SQL Injection
s/\\<[sS][yY][sS][dD][bB][aA]\\>/g"	Removes "sysdba" (Oracle PL/SQL specific)	SQL Injection
s/\\<[sS][uU][bB][sS][tT][rR][iI][nN][gG]\\>/g"	Removes "substring"	SQL Injection
s/\\<[rR][oO][wW][nN][uU][mM]\\>/g"	Removes "rownum" (Oracle PL/SQL specific)	SQL Injection
s/\\<[uU][tT][lL]_[hH][tT][tP]\\>/g"	Removes "utl_http" (Oracle PL/SQL specific)	SQL Injection
s/\\<[sS][eE][lL][eE][cC][tT]\\>.*?\\<[tT][oO]_[nN][uU][mM][bB][eE][rR]\\>/g"	Removes "select X to_number"	SQL Injection
s/\\<[gG][rR][oO][uU][pP]\\>.*?\\<[bB][yY]\\>.{1,100}?\\<[hH][aA][vV][iI][nN][gG]\\>/g"	Removes "group by X having"	SQL Injection
s/\\<[sS][eE][lL][eE][cC][tT]\\>.*?\\<[dD][aA][tT][aA]_[tT][yY][pP][eE]\\>/g"	Removes "select X data_type"	SQL Injection
s/\\<[iI][sS][nN][uU][lL]_X\\>.*?\\<[a-zA-Z_0-9]*?\\<x28/g"	Removes "isnull X"	SQL Injection
s/\\<[uU][nN][iI][oO][nN]\\>.{1,100}?\\<[sS][eE][lL][eE][cC][tT]\\>/g"	Removes "union X select"	SQL Injection
s/\\<[iI][nN][sS][eE][rR][tT]\\>[^a-zA-Z_0-9]*?\\<[iI][nN][tT][oO]\\>/g"	Removes "insert X into"	SQL Injection
s/\\<[sS][eE][lL][eE][cC][tT]\\>.{1,100}?\\<[cC][oO][uU][nN][tT]\\>.{1,100}?\\<[fF][rR][oO][mM]\\>/g"	Removes "select X count Y from"	SQL Injection
s/\\x3B[^a-zA-Z_0-9]*?\\<[dD][rR][oO][pP]\\>/g"	Removes "[ X drop"	SQL Injection
s/\\<[dD][bB][mM][sS]_[jJ][aA][vV][aA]\\>/g"	Removes "dbms_java" (Oracle PL/SQL specific)	SQL Injection
s/\\<[nN][vV][aA][rR][cC][hH][aA][rR]\\>/g"	Removes "nvarchar"	SQL Injection
s/\\<[uU][tT][lL]_[fF][iI][lL][eE]\\>/g"	Removes "utl_file" (Oracle PL/SQL specific)	SQL Injection
s/\\<[iI][nN][eE][rR]\\>[^a-zA-Z_0-9]*?\\<[jJ][oO][iI][nN]\\>/g"	Removes "inner X join"	SQL Injection
s/\\<[sS][eE][lL][eE][cC][tT]\\>.{1,100}?\\<[fF][rR][oO][mM]\\>.{1,100}?\\<[wW][hH][eE][rR][eE]\\>/g"	Removes "select X from Y where Z"	SQL Injection
s/\\<[iI][nN][tT][oO]\\>[^a-zA-Z_0-9]*?\\<[dD][uU][mM][pP][fF][iI][lL][eE]\\>/g"	Removes "into X dumpfile"	SQL Injection
s/\\<[dD][eE][lL][eE][tT]\\>[^a-zA-Z_0-9]*?\\<[fF][rR][oO][mM]\\>/g"	Removes "delete X from"	SQL Injection
s/\\x3B[^a-zA-Z_0-9]*?\\<[sS][hH][uU][tT][dD][oO][wW][nN]\\>/g"	Removes "[ X shutdown"	SQL Injection
s/\\<[dD][bB][aA]_[uU][sS][eE][rR][sS]\\>/g"	Removes any "dba_users" (Oracle PL/SQL specific)	SQL Injection
s/\\<[sS][eE][lL][eE][cC][tT]\\>.{1,100}?\\<[tT][oO][pP]\\>.{1,100}?\\<[fF][rR][oO][mM]\\>/g"	Removes "select X top Y from"	SQL Injection
"s/\\x5cjavafiles\\>/g"	Removes "@javafiles"	Host and Java Security
s/\\<[lL][oO][cC][aA][lL][hH][oO][sS][tT]\\>/g"	Removes "localhost"	Host Security
s/\\<[aA][lL][eE][rR][tT]\\>/g"	Removes "alert"	JavaScript
s/\\<[sS][oO][uU][rR][cC][eE]\\>/g"	Removes "source"	JavaScript
s/\\<[fF][uU][nN][cC][tT][iI][oO][nN]\\>/g"	Removes "function"	JavaScript
s/\\<[wW][iI][nN][dD][oO][wW]\\>/g"	Removes "window"	JavaScript