(a)

Author	SIX2 OS(SQC)	HR(95%CI)	% Weight
Bild AH(2005)		1.32 (0.61, 2.85)	10.79
Raponi M(2006)		1.02 (0.63, 1.66)	27.78
Zhu CQ(2010)		0.64 (0.26, 1.59)	7.70
Hou J(2010)		1.11 (0.42, 2.91)	6.93
Rousseaux S(2013)		0.78 (0.42, 1.43)	17.36
Botling J(2012)		0.75 (0.43, 1.29)	21.48
Tang H(2013)		0.55 (0.23, 1.36)	7.96
Overall		0.87 (0.67, 1.11)	100.00
(I−squared = 0.0%, p = 0.728)			

.1   1   10

(b)

Author	SIX4 OS(SQC)	HR(95%CI)	% Weight
Bild AH(2005)		1.45 (0.67, 3.15)	16.60
Hou J(2010)		1.72 (0.65, 4.57)	10.48
Rousseaux S(2013)		1.23 (0.68, 2.25)	27.41
Botling J(2012)		1.21 (0.70, 2.10)	32.71
Tang H(2013)		0.58 (0.24, 1.41)	12.80
Overall		1.18 (0.86, 1.62)	100.00
(I−squared = 0.0%, p = 0.504)			

.1   1   10

(c)

Author	SIX6 OS(SQC)	HR(95%CI)	% Weight
Bild AH(2005)		1.18 (0.54, 2.55)	12.52
Raponi M(2006)		1.29 (0.80, 2.10)	22.99
Zhu CQ(2010)		0.87 (0.35, 2.15)	9.83
Hou J(2010)		0.77 (0.30, 2.00)	9.00
Rousseaux S(2013)		0.62 (0.34, 1.15)	17.24
Botling J(2012)		1.18 (0.68, 2.03)	19.94
Tang H(2013)		2.99 (1.11, 8.06)	8.47
Overall		1.09 (0.79, 1.50)	100.00
(I−squared = 30.0%, p = 0.199)			

.1   1   10

Additional file 3. Forest map of hazard ratio(HR). CI, confidence interval. **(a).**Association between SIX2 and SQC OS. **(b).** Association between SIX4 and SQC OS. **(c).** Association between SIX6 and SQC OS.