(a)

Author	SIX2 RFS(SQC)	HR(95%CI)	% Weight
Lee ES(2007)		1.10 (0.57, 2.13)	48.51
Rousseaux S(2013)		0.79 (0.34, 1.84)	29.77
Botling J(2012)		0.80 (0.30, 2.14)	21.72
Overall		0.93 (0.59, 1.47)	100.00
(I−squared = 0.0%, p = 0.785)			

.1   1   10

(b)

Author	SIX4 RFS(SQC)	HR(95%CI)	% Weight
Lee ES(2007)		0.85 (0.44, 1.64)	48.57
Rousseaux S(2013)		1.08 (0.47, 2.48)	29.85
Botling J(2012)		0.93 (0.35, 2.49)	21.58
Overall		0.93 (0.59, 1.47)	100.00
(I−squared = 0.0%, p = 0.910)			

.1   1   10

(c)

Author	SIX6 RFS(SQC)	HR(95%CI)	% Weight
Lee ES(2007)		0.54 (0.27, 1.06)	47.20
Rousseaux S(2013)		0.65 (0.28, 1.53)	30.19
Botling J(2012)		1.25 (0.47, 3.36)	22.60
Overall		0.69 (0.43, 1.10)	100.00
(I−squared = 0.0%, p = 0.376)			

.1   1   10

Additional file 5. Forest map of hazard ratio(HR). CI, confidence interval. **(a).** Association between SIX2 and SQC RFS. **(b).** Association between SIX4 and SQC RFS. **(c).** Association between SIX6 and SQC RFS.