

# **Five Prime Therapeutics**

(FPRX-NASDAQ)

Stock Rating: Outperform **Industry Rating: Outperform**  August 6, 2014

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## Broadening Pipeline, Lead FGFR Programs on Track

#### Event

Five Prime Therapeutics (FPRX) reported 2Q14 operating results late yesterday. Net loss per share of (\$0.46) was wider than (\$0.27) consensus. FPRX ended 2Q14 with \$140.6mm in cash, sufficient to fund operations for more than two years. With respect to the company's FGF ligand-trap FP-1039, partner GSK continues to enroll all three arms of a phase 1b trial, including first- and second-line FGFR1 geneamplified squamous non-small cell lung cancer (NSCLC) and first-line mesothelioma. Initial dose-escalation results from the NSCLC arms are expected by year-end 2014, and FPRX noted combinability of FP-1039 with chemotherapy as an important readout that could provide advantage over small molecule pan-FGFR inhibitors. With respect to anti-CSF1R mAb FPA008, phase 1 data in healthy volunteers are expected to read out in 4Q14, with dosing in rheumatoid arthritis patients expected to start by year-end 2014. FPRX also expects to select a second indication for FPA008 by year-end 2014, with areas of interest including cancer (FPA008 + immune checkpoint inhibitors), pigmented villonodular synovitis or PVNS, and fibrotic diseases such as idiopathic pulmonary fibrosis (IPF). Additional highlights from the call included phase 1 initiation for FPA144 (anti-FGFR2b) in gastric cancer by year-end 2014, and the selection of an undisclosed cancer immunotherapy target for antibody generation by Adimab.

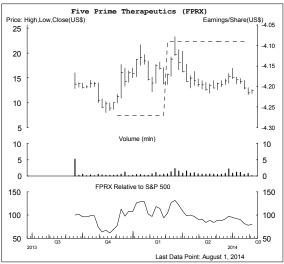
## **Impact & Analysis**

We maintain our Outperform rating on shares of Five Prime following review of 2Q14 results. We continue to believe that FP-1039 and FPA144 in targeted cancer patients with FGFR amplification could drive significant value. With FPA008 entering phase 1, we also expect large pharma interest to emerge in 2015 as rheumatoid arthritis data become available. In addition, with further leverage of FPRX's extensive protein library and target discovery platform into immunooncology, we expect further upside potential as visibility emerges on novel immune checkpoint pathways with partner BMY.

#### Valuation & Recommendation

We arrive at our \$28 price target by applying a 20x multiple to 2020 EPS estimate of \$5.65 and discounting at 35%. We rate FPRX shares at Outperform.

Price (5-Aug) \$12.38 52-Week High \$23.33 **Target Price** \$28.00 52-Week Low \$8.02



(=)( = )							
(FY-Dec.)	2012A	2013A	2014E	2015E			
EPS	- \$2.50	- \$5.23	- \$1.78↓	- \$1.52↓			
P/E			na	na			
CFPS	na	na	na	na			
P/CFPS			na	na			
Rev. (\$mm)	\$10	\$14	\$15	\$12			
EV (\$mm)	na	\$210	\$210	\$210			
EBITDA (\$mm)	-\$28	-\$29	-\$38	-\$34			
EV/EBITDA	na	na	na	na			
Quarterly EPS	Q1	Q2	Q3	Q4			
2012A	NA	NA	NA	NA			
2013A	-\$0.64	-\$0.64	-\$2.74	-\$0.43			
2014E	-\$0.46a	-\$0.46a	-\$0.43↓	-\$0.43			
Dividend	\$0.00	Yield		0.0%			
Book Value	\$3.84	Price/Bo	ook	3.2x			
Shares O/S (mm)	21.5	Mkt. Ca	p (mm)	\$266			
Float O/S (mm)	9.0	Float Ca	ap (mm)	\$112			
Wkly Vol (000s)	774	Wkly \$ \	Vol (mm)	\$11.7			
Net Debt (\$mm)	-\$94	Next Re	na				

Notes: Quarterly EPS may not sum due to share count. All values in

First Call Mean Estimates: FIVE PRIME THERAPEUTICS INC (US\$) 2014E: -\$1.43; 2015E: -\$1.27

Changes **Annual EPS** 

2014E -\$0.70 to -\$1.78

2015E -\$1.23 to -\$1.52

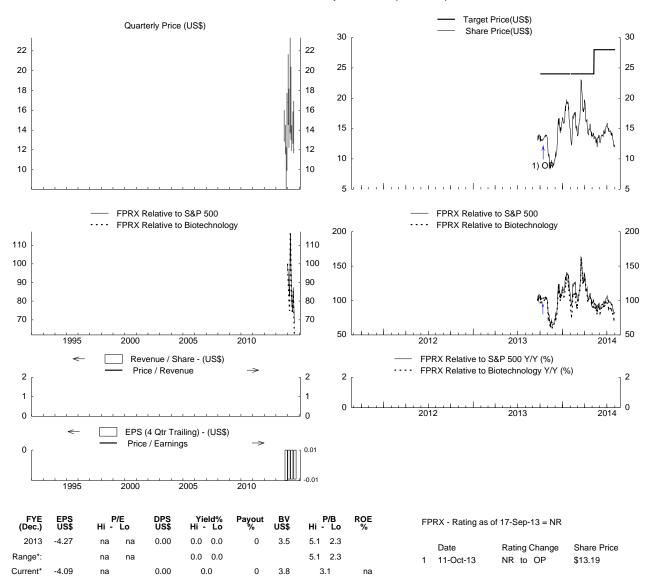
**Quarterly EPS** Q3/14E \$0.09 to -\$0.43

Exhibit 1: FPRX Income Statement 2014E-2020E

INCOME STATEMENT (\$M)	1	Q14A	2	Q14A	3	Q14E	4	1Q14E	2	2014E	2015E	2	016E	_ 2	2017E	_ :	2018E	_ 2	019E	2020E
REVENUES																				
Product Revenue	\$	-	\$	-	\$	-	\$	-	\$	-	\$	\$	12.2	\$	45.1	\$	86.6	\$	128.1	\$ 169.6
Collaboration Revenue		3.5		5.0		3.1		3.1		14.6	12.1		6.9		6.9		4.7		4.0	3.6
Other Revenue		-		-		-		-		-	-		-		-		-		-	25.0
TOTAL REVENUES	\$	3.5	\$	5.0	\$	3.1	\$	3.1	\$	14.6	\$ 12.1	\$	19.1	\$	52.0	\$	91.3	\$	132.1	\$ 198.2
EXPENSES (GAAP)																				
Cost of Goods Sold (COGS)	\$	-	\$	-	\$		\$	-	\$	_	\$ _	\$	0.2	\$	0.9	\$	1.7	\$	2.6	\$ 2.3
R&D Expense		8.9		11.9		7.0		7.0		34.8	34.8		35.2		35.7		37.0		40.0	36.0
SG&A Expense		3.3		3.0		5.5		5.5		17.3	10.8		11.2		11.8		13.0		14.0	12.0
Other		-		-		-		-		-	-		-		-		-		-	-
TOTAL EXPENSES		12.2		14.9		12.5		12.5		52.1	45.6		46.6		48.4		51.7		56.6	50.3
Operating Income		(8.7)		(9.9)		(9.4)		(9.5)		(37.5)	(33.5)		(27.6)		3.6		39.6		75.5	147.9
Depreciation and amortization		-		-		-		-		-	-		-		-		-		-	-
EBIT		(8.7)		(9.9)		(9.4)		(9.5)		(37.5)	(33.5)		(27.6)		3.6		39.6		75.5	147.9
Interest and other income		0.0		0.1		0.1		0.1		0.2	0.2		0.2		0.2		0.2		0.3	0.6
Interest and other expense		(0.0)		-		(0.0)		(0.0)		(0.0)	(0.0)		(0.0)		(0.0)		(0.0)		(0.0)	(0.0)
Other Income (Expense)				_ *		0.1		0.1		0.2	0.5		0.5		0.5		0.5		0.1	-
Interest and Other Income (Expense)		0.0		0.1		0.2		0.2		0.4	0.7		0.6		0.7		0.7		0.4	0.5
Pre-Tax Income		(8.6)		(9.9)		(9.2)		(9.3)		(37.0)	(32.8)		(26.9)		4.3		40.3		76.0	148.4
Income Taxes		-		-		-		-		-	-		-		-		-		-	-
Net Income (GAAP)	\$	(8.6)	\$	(9.9)	\$	(9.2)	\$	(9.3)	\$	(37.0)	\$ (32.8)	\$	(26.9)	\$	4.3	\$	40.3	\$	76.0	\$ 148.4
EPS (GAAP) (basic)	\$	(0.46)	\$	(0.46)	\$	(0.43)	\$	(0.43)	\$	(1.78)	\$ (1.52)	\$	(1.17)	\$	0.17	\$	1.67	\$	3.14	\$ 5.65
EPS (GAAP) (diluted)	\$	(0.46)	\$	(0.46)	\$	(0.43)	\$	(0.43)	\$	(1.78)	\$ (1.52)	\$	(1.17)	\$	0.17	\$	1.67	\$	3.14	\$ 5.65
Total of Reconciliation Items		- 2		-		-		_		-	_				_		_		_	-
Net Income (Non-GAAP)	\$	(8.6)	\$	(9.9)	\$	(9.2)	\$	(9.3)	\$	(37.0)	\$ (32.8)	\$	(26.9)	\$	4.3	\$	40.3	\$	76.0	\$ 148.4
Impact of Adjustments to EPS		_		-		-				_	-		_		-		_		_	-
EPS (Non-GAAP) (basic)	\$	(0.46)	\$	(0.46)	\$	(0.43)	\$	(0.43)	\$	(1.78)	\$ (1.52)	\$	(1.17)	\$	0.17	\$	1.67	\$	3.14	\$ 5.65
EPS (Non-GAAP) (diluted)	\$	(0.46)	\$	(0.46)	\$	(0.43)	\$	(0.43)	\$	(1.78)	\$ (1.52)	\$	(1.17)	\$	0.17	\$	1.67	\$	3.14	\$ 5.65
Weighted average shares outstanding (basic)		18.8		21.5		21.5		21.5		20.8	21.6		23.3		24.3		24.2		24.2	26.2
Weighted average shares outstanding (diluted)		18.8		21.5	,	21.5	•	21.5		20.8	21.6		23.3		24.3		24.2		24.2	26.2

Source: Company reports and BMO Capital Markets

# Five Prime Therapeutics (FPRX)



Last Price ( August 1, 2014): \$12.00 Sources: IHS Global Insight, Thomson Reuters, BMO Capital Markets.

<sup>\*</sup> Current EPS is the 4 Quarter Trailing to Q1/2014.
\* Valuation metrics are based on high and low for the fiscal year.
\* Range indicates the valuation range for the period presented above.

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Sell	Underperform	5.0%	3.4%	1.3%	5.5%	1.5%	5.1%

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