

UBS Investment Research Complete Genomics Inc

Downgrading to Neutral on Valuation

■ GNOM shares are up over 90% YTD and over 60% since the IPO

We downgrade GNOM to Neutral from Buy on valuation. Following encouraging Q4 results and mgmt commentary on the Q1 business momentum, the price of GNOM shares has risen dramatically and is now up 97% YTD and 64% since the IPO. As such, we believe it is prudent to move to the sidelines given the above average risk profile. That said, we remain positive on the market for outsourced whole human genome sequencing, and believe the company's first mover advantage and rapidly growing backlog bode well for success going forward.

Backlog continues to grow; pricing represents key to volume growth

Last week the company noted that it shipped over 600+ genomes in 1Q11 (up from an initial forecast of 500+) and has visibility into over 3,500 contracted genomes in FY11, which represents 3/4 of our total volume estimate (4,665). In '12, as sample volumes increase due to price elasticity (our ASP in FY11 is \$7,100 per genome vs. \$4,250 in FY12), we forecast that GNOM can sequence over 20,000 genomes.

■ Modestly tweaking our current forecast

For FY11-12, we project \$32.5m (up from \$31.1m which now assumes 615 genomes sequenced & 602 shipped in Q1, at an ASP of \$9,200 for \$5.5m in revenues) & \$88.6m in sales, with a loss per share of \$1.83 and \$0.39, respectively.

■ Valuation: Raise target to \$15 from \$12

Our price target is derived through a DCF analysis using the UBS VCAM model. We are raising our price target due to a lower discount rate (14% vs. 15%) on greater confidence in the near-term business trajectory.

12/09	12/10	12/11E	12/12E	12/13E
623	9,388	32,485	88,634	145,500
(34,685)	(45,856)	(49,421)	(11,653)	5,458
(37,049)	(56,320)	(49,921)	(12,103)	4,842
(6.59)	(3.80)	(1.83)	(0.39)	0.15
0.00	0.00	0.00	0.00	0.00
5-yr hist av.	12/10	12/11E	12/12E	12/13E
-	-488.5	-152.1	-13.1	3.8
-	<-500	(259.9)	(36.3)	13.4
-	-4.9	-10.0	32.5	12.7
-	NM	NM	NM	NM
-	0.0	0.0	0.0	0.0
	623 (34,685) (37,049) (6.59) 0.00 5-yr hist av.	623 9,388 (34,685) (45,856) (37,049) (56,320) (6.59) (3.80) 0.00 0.00 5-yr hist av. 12/10 - 488.5 - <-500 - 44.9 - NM	623 9,388 32,485 (34,685) (45,856) (49,421) (37,049) (56,320) (49,921) (6.59) (3.80) (1.83) 0.00 0.00 0.00 5-yr hist av. 12/10 12/11E 488.5 -152.1 - <-500 (259.9)4.9 -10.0 - NM NM	623 9,388 32,485 88,634 (34,685) (45,856) (49,421) (11,653) (37,049) (56,320) (49,921) (12,103) (6.59) (3.80) (1.83) (0.39) 0.00 0.00 0.00 0.00 5-yr hist av. 12/10 12/11E 12/12E 488.5 -152.1 -13.1 - <-500 (259.9) (36.3)4.9 -10.0 32.5 - NM NM NM

Source: Company accounts, Thomson Reuters, UBS estimates. (UBS) valuations are stated before goodwill-related charges and other adjustments for abnormal and economic items at the analysts' judgement.

Valuations: based on an average share price that year, (E): based on a share price of US\$14.75 on 18 Apr 2011 16:42 EDT

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Global Equity Research

Americas

Biotechnology

12-month rating

Neutral

Prior: Buy

12m price target

US\$15.00

Prior: US\$12.00

Price

US\$14.75

RIC: GNOM.O BBG: GNOM US

19 April 2011

Trading data	
52-wk range	US\$14.75-6.85
Market cap.	US\$0.38bn
Shares o/s	25.8m (COM)
Free float	3%
Avg. daily volume ('000)	109
Avg. daily value (m)	US\$1.0

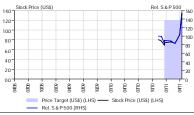
Balance sneet data 12/11E	
Shareholders' equity	US\$0.05bn
P/BV (UBS)	7.3x
Net Cash (debt)	US\$0.02bn

Forecast returns	
Forecast price appreciation	+1.7%
Forecast dividend yield	0.0%
Forecast stock return	+1.7%
Market return assumption	5.7%
Forecast excess return	-4.0%

EPS (UBS, US\$)

		12/11E		12/10
	From	To	Cons.	Actual
Q1E	(0.45)	(0.48)	(0.53)	(2.20)
Q2E	(0.48)	(0.50)	(0.53)	(2.29)
Q3E	(0.43)	(0.45)	(0.48)	(3.71)
Q4E	(0.39)	(0.41)	(0.40)	(0.69)
12/11E	(1.83)	(1.83)	(1.97)	
12/12E	(0.39)	(0.39)	(0.80)	

Performance (US\$)



Source: UBS

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Complete Genomics Inc

Income statement (US\$k)	-	12/07	12/08	12/09	12/10	12/11E	% ch	12/12E	% ch	12/13E	% ch
Revenues	-	-	0	623	9,388	32,485	246.0	88,634	172.8	145,500	64.2
Operating expenses (ex depn)	-	-	(25,062)	(30,068)	(47,226)	(66,906)	41.7	(78,287)	17.0	(117,043)	49.5
EBITDA (UBS)	-	-	(25,062)	(29,445)	(37,838)	(34,421)	-9.0	10,347		28,458	175.0
Depreciation	-	-	(2,795)	(5,240)	(8,018)	(15,000)	87.1	(22,000)	46.7	(23,000)	4.5
Operating income (EBIT, UBS) Other income & associates	-	-	(27,857) 437	(34,685) 1,101	(45,856) (9,232)	(49,421) 0	7.8	(11,653) 0	-76.4	5,458 0	-
Net interest	-	-	437 (974)	(3,465)	(1,232)	(500)	-59.4	(450)	-10.0	(150)	-66.7
Abnormal items (pre-tax)	-	-	(974)	(3,403)	(1,232)	(300)	-39.4	(450)	-10.0	(130)	-00.7
Profit before tax			(28,394)	(37,049)	(56,320)	(49,921)	-11.4	(12,103)	-75.8	5,308	
Tax	-	-	0	(37,047)	(30,320)	0	-11.4	(12,103)	-73.0	(465)	
Profit after tax	-	-	(28,394)	(37,049)	(56,320)	(49,921)	-11.4	(12,103)	-75.8	4,842	-
Abnormal items (post-tax)	-	-	0	0	0	0	-	0	-	0	-
Minorities / pref dividends	-	-	0	0	0	0	-	0	-	0	-
Net income (local GAAP)	-	-	(28,394)	(37,049)	(56,320)	(49,921)	-11.4	(12,103)	- <i>75.8</i>	4,842	-
Net Income (UBS)	-	-	(28,394)	(37,049)	(56,320)	(49,921)	-11.4	(12,103)	<i>-75.8</i>	4,842	-
Tax rate (%)			0	0	0	0		0		9	
Pre-abnormal tax rate (%)	-	-	0	0	0	0		0		9	_
Per share (US\$)	-	12/07	12/08	12/09	12/10	12/11E	% ch	12/12E	% ch	12/13E	% ch
EPS (local GAAP)	-	-	(369.36)	(6.59)	(3.80)	(1.83)	-52.0	(0.39)	- <i>78.8</i>	0.15	-
EPS (UBS)	-	-	(369.36)	(6.59)	(3.80)	(1.83)	-52.0	(0.39)	- <i>78.8</i>	0.15	-
Net DPS Cash EPS	-	-	0.00	0.00	0.00	0.00	-60.8	0.00	-	0.00	172 4
BVPS	-	-	(333.01) 0.02	(5.66) 0.32	(3.26) 2.85	(1.28) 2.03	-00.8 -28.7	0.32 2.13	<i>5.0</i>	0.86 2.53	172.6 18.7
DVF3			0.02	0.32	2.00	2.03	-20.7	2.13	5.0	2.00	10.7
Balance sheet (US\$k)	-	12/07	12/08	12/09	12/10	12/11E	% ch	12/12E	% ch	12/13E	% ch
Cash and equivalents	-	-	6,186	7,765	68,918	24,789	-64.0	18,860	-23.9	19,952	5.8
Other current assets	-	-	1,034	7,254	10,102	10,745	6.4	26,704	148.5	41,740	56.3
Total current assets	-	-	7,220	15,019	79,020	35,534	-55.0	45,564	28.2	61,692	35.4
Net tangible fixed assets	-	-	8,023 0	14,864	23,843	40,000	67.8	42,000	5.0	50,000	19.0
Net intangible fixed assets Investments / other assets	-	0	511	0 395	0 297	0 365	22.9	0 365	0.0	0 365	0.0
Total assets		-	15,754	30,278	103,160	75,899	-26.4	87,928	15.8	112,057	27.4
Trade payables & other ST liabilities			6,479	12,055	11,907	15,911	33.6	25,328	59.2	39,677	56.6
Short term debt	-	_	0,177	0	5,780	500	-91.3	500	0.0	0	-
Total current liabilities	-		6,479	12,055	17,687	16,411	-7.2	25,828	57.4	39,677	53.6
Long term debt	-	-	0	0	0	0	-	0	-	0	-
Other long term liabilities	-	-	8,807	10,080	11,837	7,000	-40.9	7,000	0.0	7,000	0.0
Total liabilities	-	-	15,286	22,135	29,524	23,411	-20.7	32,828	40.2	46,677	42.2
Equity & minority interests	-	-	468	8,143	73,636	52,488	-28.7	55,100	5.0	65,380	18.7
Total liabilities & equity	-	-	15,754	30,278	103,160	75,899	-26.4	87,928	15.8	112,057	27.4
Cash flow (US\$k)	-	12/07	12/08	12/09	12/10	12/11E	% ch	12/12E	% ch	12/13E	% ch
Net income	-	-	(28,394)	(37,049)	(56,320)	(49,921)	-11.4	(12,103)	-75.8	4,842	-
Depreciation	-	-	2,795	5,240	8,018	15,000	87.1	22,000	46.7	23,000	4.5
Net change in working capital	-	-	293	1,322	1,697	(7,000)	-	(4,500)	-35.7	(6,500)	44.4
Other (operating)	-	-	0	0	0	0	-	0	-	0	-
Net cash from operations		-	(25,306)	(30,487)	(46,605)	(41,921)	-10.1	5,397	-	21,342	295.5
			(m			40.000			11.1	(29,000)	16.0
Capital expenditure	-	-	(7,419)	(9,654)	(18,802)	(22,500)	19.7	(25,000)	11.1		10.0
Net (acquisitions) / disposals	-	-	0	(9,654) 0	(18,802)	0	19.7 -	0	-	0	-
Net (acquisitions) / disposals Other changes in investments		- - -	0	(9,654) 0 0	(18,802) 0 0	0 0	- -	0		0	-
Net (acquisitions) / disposals Other changes in investments Cash from investing activities	- - - -		0 0 (7,419)	(9,654) 0 0 (9,654)	(18,802) 0 0 (18,802)	0 0 (22,500)	- - 19.7	0 0 (25,000)	- - 11.1	0 0 (29,000)	16.0
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt	- - - -	- - - -	0 0 (7,419)	(9,654) 0 0	(18,802) 0 0 (18,802) 5,780	0 0 (22,500) 500	- -	0 0 (25,000) 500		0 0 (29,000)	-
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases)			0 0 (7,419)	(9,654) 0 0 (9,654)	(18,802) 0 0 (18,802)	0 0 (22,500)	- - 19.7	0 0 (25,000)	- - 11.1	0 0 (29,000)	-
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt			0 0 (7,419) 0 25	(9,654) 0 0 (9,654) 0 4	(18,802) 0 0 (18,802) 5,780 47,175	0 0 (22,500) 500 20,000	- - 19.7	0 0 (25,000) 500 10,000	- - 11.1	0 0 (29,000) 0 5,000	-
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases) Dividends paid		- - -	0 0 (7,419) 0 25	(9,654) 0 0 (9,654) 0 4	(18,802) 0 0 (18,802) 5,780 47,175	0 0 (22,500) 500 20,000 0	- - 19.7	0 0 (25,000) 500 10,000	- - 11.1	0 0 (29,000) 0 5,000	-
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases) Dividends paid Other cash from financing Cash from financing activities	- - - -	- - - -	0 0 (7,419) 0 25 0 33,623 33,648	(9,654) 0 0 (9,654) 0 4 0 37,891 37,895	(18,802) 0 (18,802) 5,780 47,175 0 796 53,751	0 0 (22,500) 500 20,000 0 0 20,500	- - 19.7 - - -	0 0 (25,000) 500 10,000 0 0 10,500	11.1	0 0 (29,000) 0 5,000 0 5,000	- 16.0
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases) Dividends paid Other cash from financing Cash from financing activities Cash flow chge in cash & equivalents	- - - - -	-	0 0 (7,419) 0 25 0 33,623	(9,654) 0 0 (9,654) 0 4 0 37,891 37,895 (2,246)	(18,802) 0 (18,802) 5,780 47,175 0 796 53,751	0 0 (22,500) 500 20,000 0 20,500		0 0 (25,000) 500 10,000 0 0 10,500	-11.1 	0 0 (29,000) 0 5,000 0 5,000	- 16.0
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases) Dividends paid Other cash from financing Cash from financing activities Cash flow chge in cash & equivalents FX / non cash items			0 0 (7,419) 0 25 0 33,623 33,648	(9,654) 0 0 (9,654) 0 4 0 37,891 37,895 (2,246) 3,825	(18,802) 0 (18,802) 5,780 47,175 0 796 53,751 (11,656) 72,809	0 0 (22,500) 500 20,000 0 20,500 (43,921) (208)		0 0 (25,000) 500 10,000 0 0 10,500 (9,103) 3,174	11.1	0 0 (29,000) 0 5,000 0 5,000 (2,658) 3,750	
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases) Dividends paid Other cash from financing Cash from financing activities Cash flow chge in cash & equivalents	- - - - -	-	0 0 (7,419) 0 25 0 33,623 33,648	(9,654) 0 0 (9,654) 0 4 0 37,891 37,895 (2,246)	(18,802) 0 (18,802) 5,780 47,175 0 796 53,751	0 0 (22,500) 500 20,000 0 20,500		0 0 (25,000) 500 10,000 0 0 10,500	-11.1 	0 0 (29,000) 0 5,000 0 5,000	- 16.0
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases) Dividends paid Other cash from financing Cash from financing activities Cash flow chge in cash & equivalents FX / non cash items Bal sheet chge in cash & equivalents Core EBITDA			0 0 (7,419) 0 25 0 33,623 33,648 923 - (25,062)	(9,654) 0 0 (9,654) 0 4 0 37,891 37,895 (2,246) 3,825 1,579 (29,445)	(18,802) 0 (18,802) 5,780 47,175 0 796 53,751 (11,656) 72,809 61,153 (37,838)	0 0 (22,500) 500 20,000 0 0 20,500 (43,921) (208) (44,129)	19.7 	0 0 (25,000) 500 10,000 0 0 10,500 (9,103) 3,174 (5,929)	11.1	0 0 (29,000) 0 5,000 0 5,000 (2,658) 3,750 1,092	- 16.0
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases) Dividends paid Other cash from financing Cash from financing activities Cash flow chge in cash & equivalents FX / non cash items Bal sheet chge in cash & equivalents Core EBITDA Maintenance capital expenditure		-	0 0 (7,419) 0 25 0 33,623 33,648 923 - - (25,062) (7,419)	(9,654) 0 0 (9,654) 0 4 0 37,891 37,895 (2,246) 3,825 1,579 (29,445) (9,654)	(18,802) 0 (18,802) 5,780 47,175 0 796 53,751 (11,656) 72,809 61,153 (37,838) (18,802)	0 0 (22,500) 500 20,000 0 20,500 (43,921) (208) (44,129) (34,421) (22,500)		0 0 (25,000) 500 10,000 0 0 10,500 (9,103) 3,174 (5,929)	11.1 	0 0 (29,000) 0 5,000 0 5,000 (2,658) 3,750 1,092 28,458 (29,000)	- 16.0
Net (acquisitions) / disposals Other changes in investments Cash from investing activities Increase/(decrease) in debt Share issues / (repurchases) Dividends paid Other cash from financing Cash from financing activities Cash flow chge in cash & equivalents FX / non cash items Bal sheet chge in cash & equivalents Core EBITDA		-	0 0 (7,419) 0 25 0 33,623 33,648 923 - (25,062)	(9,654) 0 0 (9,654) 0 4 0 37,891 37,895 (2,246) 3,825 1,579 (29,445)	(18,802) 0 (18,802) 5,780 47,175 0 796 53,751 (11,656) 72,809 61,153 (37,838)	0 0 (22,500) 500 20,000 0 0 20,500 (43,921) (208) (44,129)	19.7 	0 0 (25,000) 500 10,000 0 0 10,500 (9,103) 3,174 (5,929)	11.1	0 0 (29,000) 0 5,000 0 5,000 (2,658) 3,750 1,092	- 16.0

Source: Company accounts, UBS estimates. (UBS) valuations are stated before goodwill-related charges and other adjustments for abnormal and economic items at the analysts' judgement. Note: For some companies, the data represents an extract of the full company accounts.

Global Equity Research

Americas

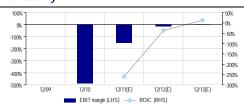
Biotechnology

12-month rating	Neutral
12m price target	US\$15.00

Company profile

Established in 2006 and headquartered in Mountain View, CA, Complete Genomics is a next generation genetic analysis company that offers whole human genome DNA re-sequencing and data analysis services. Unlike other next generation DNA sequencing companies that sell instruments and consumables directly to customers, Complete Genomics has commercialized its proprietary DNA sequencing platform via an end-to-end genomic services model.

Profitability



ROE v Price to book value



Growth (UBS EPS)



Complete Genomics Inc

Valuation (x)	5Yr Avg	12/09	12/10	12/11E	12/12E	12/13E
P/E (local GAAP)	on Avg	12/09	12/10 NM	NM	NM	NM
P/E (UBS)	_	_	NM	NM	NM	NM
P/CEPS	_	_	NM	NM	46.7	17.1
Net dividend yield (%)	_	_	0.0	0.0	0.0	0.0
P/BV			2.6	7.3	6.9	5.8
EV/revenue (core)			NM	NM	3.8	2.5
	-	-	-4.9	-10.0	32.5	
EV/EBITDA (core)	-	-				12.7
EV/EBIT (core)	-	-	NM	NM	NM	NM
EV/OpFCF (core)	-	-	NM	NM	NM	NM
EV/op. invested capital	-	-	NM	NM	NM	8.9
Enterprise value (US\$k)		12/09	12/10	12/11E	12/12E	12/13E
Average market cap		-	191,082	380,697	380,697	380,697
+ minority interests		0	0	0	0	0
+ average net debt (cash)		(6,976)	(6,976)	(35, 452)	(43,714)	(19,156)
+ pension obligations and other		0	0	0	0	0
- non-core asset value		(395)	(297)	(365)	(365)	(365)
Core enterprise value		-	183,810	344,881	336,619	361,177
one onto prior value			100/010	011/001	000/017	001,177
Growth (%)	5Yr Avg	12/09	12/10	12/11E	12/12E	12/13E
Revenue	-	-	NM	NM	172.8	64.2
EBITDA (UBS)	-	17.5	28.5	-9.0		175.0
EBIT (UBS)	-	24.5	32.2	7.8	-76.4	-
EPS (UBS)	-	-98.2	-42.4	-52.0	-78.8	-
Cash EPS	-	-98.3	-42.4	-60.8	-	172.6
Net DPS	-	-	-	-	-	-
BVPS	-	NM	NM	-28.7	5.0	18.7
Margins (%)	5Yr Avg	12/09	12/10	12/11E	12/12E	12/13E
EBITDA / revenue	-	NM	NM	NM	11.7	19.6
EBIT / revenue	-	<-500	-488.5	-152.1	-13.1	3.8
Net profit (UBS) / revenue	-	NM	NM	NM	NM	3.3
Return on capital (%)	5Yr Avg	12/09	12/10	12/11E	12/12E	12/13E
-	311 Avg	12/09 NM	12/10 NM	NM	NM	13.4
EBIT ROIC (UBS)	-	NM			NM	
ROIC post tax	-		NM (127.7)	NM (70.2)		12.2
Net ROE	-	<-500	(137.7)	(79.2)	(22.5)	8.0
Coverage ratios (x)	5Yr Avg	12/09	12/10	12/11E	12/12E	12/13E
EBIT / net interest	-	-	-	-	-	NM
Dividend cover (UBS EPS)	-	-	-	-	_	-
Div. payout ratio (%, UBS EPS)	_	-	_	-	_	-
Net debt / EBITDA						NM
	-	0.3	1.7	0.7	NM	IVIVI
	-					
Efficiency ratios (x)	5Yr Avg	12/09	12/10	12/11E	12/12E	12/13E
Revenue / op. invested capital	5Yr Avg	12/09 NM	12/10 1.8	12/11E 1.7	12/12E 2.8	12/13E 3.6
Revenue / op. invested capital Revenue / fixed assets	5Yr Avg - -	12/09 NM 0.1	12/10 1.8 0.5	12/11E 1.7 1.0	12/12E 2.8 2.2	12/13E 3.6 3.2
Revenue / op. invested capital	5Yr Avg - - -	12/09 NM	12/10 1.8	12/11E 1.7	12/12E 2.8	12/13E 3.6
Revenue / op. invested capital Revenue / fixed assets Revenue / net working capital	- - -	12/09 NM 0.1 NM	12/10 1.8 0.5 NM	12/11E 1.7 1.0 NM	12/12E 2.8 2.2 NM	12/13E 3.6 3.2 84.6
Revenue / op. invested capital Revenue / fixed assets Revenue / net working capital Investment ratios (x)	5Yr Avg	12/09 NM 0.1 NM	12/10 1.8 0.5 NM	12/11E 1.7 1.0 NM	12/12E 2.8 2.2 NM	12/13E 3.6 3.2 84.6
Revenue / op. invested capital Revenue / fixed assets Revenue / net working capital Investment ratios (x) OpFCF / EBIT	- - -	12/09 NM 0.1 NM 12/09	12/10 1.8 0.5 NM 12/10 1.2	12/11E 1.7 1.0 NM 12/11E 1.3	12/12E 2.8 2.2 NM 12/12E 1.6	12/13E 3.6 3.2 84.6 12/13E NM
Revenue / op. invested capital Revenue / fixed assets Revenue / net working capital Investment ratios (x) OpFCF / EBIT Capex / revenue (%)	- - -	12/09 NM 0.1 NM 12/09 1.1 NM	12/10 1.8 0.5 NM 12/10 1.2 NM	12/11E 1.7 1.0 NM 12/11E 1.3 NM	12/12E 2.8 2.2 NM 12/12E 1.6 28.2	12/13E 3.6 3.2 84.6 12/13E NM 19.9
Revenue / op. invested capital Revenue / fixed assets Revenue / net working capital Investment ratios (x) OpFCF / EBIT	5Yr Avg - - - -	12/09 NM 0.1 NM 12/09 1.1 NM 1.8	12/10 1.8 0.5 NM 12/10 1.2 NM 2.3	12/11E 1.7 1.0 NM 12/11E 1.3 NM 1.5	12/12E 2.8 2.2 NM 12/12E 1.6 28.2 1.1	12/13E 3.6 3.2 84.6 12/13E NM 19.9 1.3
Revenue / op. invested capital Revenue / fixed assets Revenue / net working capital Investment ratios (x) OpFCF / EBIT Capex / revenue (%) Capital structure (%)	- - -	12/09 NM 0.1 NM 12/09 1.1 NM 1.8	12/10 1.8 0.5 NM 12/10 1.2 NM 2.3	12/11E 1.7 1.0 NM 12/11E 1.3 NM 1.5	12/12E 2.8 2.2 NM 12/12E 1.6 28.2 1.1	12/13E 3.6 3.2 84.6 12/13E NM 19.9 1.3
Revenue / op. invested capital Revenue / fixed assets Revenue / net working capital Investment ratios (x) OpFCF / EBIT Capex / revenue (%) Capex / depreciation Capital structure (%) Net debt / total equity	5Yr Avg - - - -	12/09 NM 0.1 NM 12/09 1.1 NM 1.8 12/09 (95.4)	12/10 1.8 0.5 NM 12/10 1.2 NM 2.3 12/10 (85.7)	12/11E 1.7 1.0 NM 12/11E 1.3 NM 1.5	12/12E 2.8 2.2 NM 12/12E 1.6 28.2 1.1 12/12E (33.3)	12/13E 3.6 3.2 84.6 12/13E NM 19.9 1.3
Revenue / op. invested capital Revenue / fixed assets Revenue / net working capital Investment ratios (x) OpFCF / EBIT Capex / revenue (%) Capital structure (%)	5Yr Avg - - - -	12/09 NM 0.1 NM 12/09 1.1 NM 1.8	12/10 1.8 0.5 NM 12/10 1.2 NM 2.3	12/11E 1.7 1.0 NM 12/11E 1.3 NM 1.5	12/12E 2.8 2.2 NM 12/12E 1.6 28.2 1.1	12/13E 3.6 3.2 84.6 12/13E NM 19.9 1.3

Source: Company accounts, UBS estimates. (UBS) valuations are stated before goodwill-related charges and other adjustments for abnormal and economic items at the analysts' fudgement.

Valuations: based on an average share price that year, (E): based on a share price of US\$14.75 on 18 Apr 2011 16:42 EDT Market cap(E) may include forecast share issues/buybacks.

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■ Complete Genomics Inc

Established in 2006 and headquartered in Mountain View, CA, Complete Genomics is a next generation genetic analysis company that offers whole human genome DNA re-sequencing and data analysis services. Unlike other next generation DNA sequencing companies that sell instruments and consumables directly to customers, Complete Genomics has commercialized its proprietary DNA sequencing platform via an end-to-end genomic services model.

■ Statement of Risk

As a service business, Complete Genomics future hinges on sample volumes accelerating at a pace fast enough to offset anticipated price erosion. As such, if the market for whole human genome sequencing does not develop as anticipated, then it could be difficult for Complete Genomics to grow its business. While Complete Genomics' technology is competitive today and has room for advancement, the pace of technology development in next generation DNA sequencing has so far exceeded most expectations, and so it is difficult to assess if the company's platform can remain competitive going forward. Moreover, in order to advance its platform the company needs to invest in R&D, which in turn could hamper profitability. If the company cannot expand capacity fast enough to meet anticipated demand, then the business could suffer. The attractiveness of the genomics outsourcing market has lured a number of new entities to begin offering similar services, and if one or more of these players price their offerings below Complete Genomics, it could be difficult for the company to either compete or reach profitability. Declines or delays in government funding to academic laboratories, as well as slowdowns in R&D spending by pharmaceutical and biotechnology companies, could negatively impact Complete Genomics' business. As an unprofitable genomics company, Complete Genomics' share price is likely to experience significant volatility, especially if, in the future, the company needs to raise additional capital. As such, we view GNOM shares as better suited for sophisticated investors with a high tolerance for risk as part of a broadly diversified investment portfolio.

■ Analyst Certification

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UBS Investment Research: Global Equity Rating Allocations

UBS 12-Month Rating	Rating Category	Coverage ¹	IB Services ²
Buy	Buy	52%	41%
Neutral	Hold/Neutral	40%	37%
Sell	Sell	8%	20%
UBS Short-Term Rating	Rating Category	Coverage ³	IB Services ⁴
Buy	Buy	less than 1%	30%
Sell	Sell	less than 1%	17%

^{1:}Percentage of companies under coverage globally within the 12-month rating category.

Source: UBS. Rating allocations are as of 31 March 2011.

UBS Investment Research: Global Equity Rating Definitions

UBS 12-Month Rating	Definition
Buy	FSR is > 6% above the MRA.
Neutral	FSR is between -6% and 6% of the MRA.
Sell	FSR is > 6% below the MRA.
UBS Short-Term Rating	Definition
Buy	Buy: Stock price expected to rise within three months from the time the rating was assigned because of a specific catalyst or event.
Sell	Sell: Stock price expected to fall within three months from the time the rating was assigned because of a specific catalyst or event.

^{2:}Percentage of companies within the 12-month rating category for which investment banking (IB) services were provided within the past 12 months.

^{3:}Percentage of companies under coverage globally within the Short-Term rating category.

^{4:}Percentage of companies within the Short-Term rating category for which investment banking (IB) services were provided within the past 12 months.

KEY DEFINITIONS

Forecast Stock Return (FSR) is defined as expected percentage price appreciation plus gross dividend yield over the next 12 months.

Market Return Assumption (MRA) is defined as the one-year local market interest rate plus 5% (a proxy for, and not a forecast of, the equity risk premium).

Under Review (UR) Stocks may be flagged as UR by the analyst, indicating that the stock's price target and/or rating are subject to possible change in the near term, usually in response to an event that may affect the investment case or valuation.

Short-Term Ratings reflect the expected near-term (up to three months) performance of the stock and do not reflect any change in the fundamental view or investment case.

Equity Price Targets have an investment horizon of 12 months.

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UBS Securities LLC: Derik de Bruin, Ph.D.; Daniel Arias; Rafael Tejada.

Company Disclosures

Company Name	Reuters	12-mo rating	Short-term rating	Price	Price date
Complete Genomics Inc ^{2, 4, 5, 6, 16}	GNOM.O	Buy	N/A	US\$13.44	15 Apr 2011

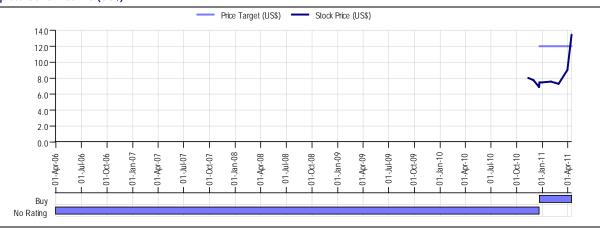
Source: UBS. All prices as of local market close.

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Complete Genomics Inc (US\$)



Source: UBS; as of 15 Apr 2011

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