

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person* <u>Equilon Enterprises LLC</u> _____ (Last) (First) (Middle) <u>ROOM 4552, 910 LOUISIANA ST.</u> _____ (Street) <u>HOUSTON TX 77002</u> _____ (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CODEXIS INC [CDXS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>04/27/2010</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/27/2010		C		789,492 ⁽¹⁾⁽²⁾	A	(2)	789,492 ⁽¹⁾⁽²⁾	I	See Footnote ⁽³⁾
Common Stock	04/27/2010		C		2,410,412 ⁽¹⁾⁽⁴⁾	A	(4)	3,199,904 ⁽¹⁾⁽⁴⁾	I	See Footnote ⁽³⁾
Common Stock	04/27/2010		C		2,373,415 ⁽¹⁾⁽⁵⁾	A	(5)	5,573,319 ⁽¹⁾⁽⁵⁾	I	See Footnote ⁽³⁾

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series D Preferred Stock	(2)	04/27/2010		C		789,492 ⁽¹⁾⁽²⁾	(2)	(6)	Common Stock	789,492 ⁽¹⁾⁽²⁾	\$0	0	I	See Footnote ⁽³⁾	
Series E Preferred Stock	(4)	04/27/2010		C		2,410,412 ⁽¹⁾⁽⁴⁾	(4)	(6)	Common Stock	2,410,412 ⁽¹⁾⁽⁴⁾	\$0	0	I	See Footnote ⁽³⁾	
Series F Preferred Stock	(5)	04/27/2010		C		2,373,415 ⁽¹⁾⁽⁵⁾	(5)	(6)	Common Stock	2,373,415 ⁽¹⁾⁽⁵⁾	\$0	0	I	See Footnote ⁽³⁾	

1. Name and Address of Reporting Person*
Equilon Enterprises LLC

 (Last) (First) (Middle)
ROOM 4552, 910 LOUISIANA ST.

 (Street)
HOUSTON TX 77002

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Royal Dutch Shell plc

 (Last) (First) (Middle)
30, CAREL VAN BYLANDTLAAN,
2596 HR THE HAGUE

 (Street)
THE NETHERLANDS P7

 (City) (State) (Zip)

Explanation of Responses:

- Reflects a 2-for-3 reverse stock split of the Issuer's outstanding securities effected immediately prior to the effectiveness of the Issuer's S-1 Registration Statement (Commission File No. 333-164044).
- Each share of Series D Preferred Stock automatically converted into Common Stock on a 1-for-1 basis upon the closing of the Issuer's initial public offering.

3. Shares owned directly by Equilon Enterprises LLC dba Shell Oil Products US ("Equilon Enterprises"). Equilon Enterprises is an indirect wholly owned subsidiary of Royal Dutch Shell plc. As a result, Royal Dutch Shell plc may be deemed to be the indirect beneficial owner of all of the securities reported on this Form 4.

4. As previously reported on the Form 3 dated April 21, 2010, due to the antidilution provisions of the Issuer's certificate of incorporation that apply to the Series E Preferred Stock, each share of Series E Preferred Stock automatically converted into Common Stock on a 1.008702-for-1 basis upon the closing of the Issuer's initial public offering. Number of shares reported includes the additional 20,794 shares of Common Stock that was issued to Equilon Enterprises upon such conversion as a result of such antidilution adjustment.

5. As previously reported on the Form 3 dated April 21, 2010, due to the antidilution provisions of the Issuer's certificate of incorporation that apply to the Series F Preferred Stock, each share of Series F Preferred Stock automatically converted into Common Stock on a 1.008702-for-1 basis upon the closing of the Issuer's initial public offering. Number of shares reported includes the additional 20,475 shares of Common Stock that was issued to Equilon Enterprises upon such conversion as a result of such antidilution adjustment.

6. The expiration date is not relevant to the conversion of these securities.

/s/ Lynn S. Borgmeier, for
Equilon Enterprises LLC as its 04/29/2010
Secretary

/s/ Michiel Brandjes, for Royal
Dutch Shell plc as its Company. 04/29/2010
Secretary

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.